

Converting Colors

YUV(240.2870, -2.1135,
-22.1767)

Have a look what the booklet for
YUV(240.2870, -2.1135, -22.1767)
contains.

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Color

**YUV(240.2870, -2.1135,
-22.1767)**

Conversions

Conversions Part 1

Format	Color
Hex	D7FEEC
RGB	215, 254, 236
RGB Percent	84%, 100%, 93%
CMY	0.1569, 0.0039, 0.0745
CMYK	0.15, 0.00, 0.07, 0.00
HSL	152°, 95%, 92%
HSV	152°, 15%, 100%
XYZ	78.6065, 91.3868, 92.8533
YIQ	240.2870, -17.4660, -13.8660

Conversions

Conversions Part 2

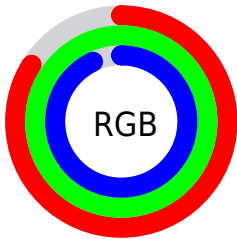
Format	Color
R _Y B	215, 240, 254
Decimal	14155500
CIE Lab	96.57, -15.88, 4.42
CIE LCh	97, 16.488, 164.434
Yxy	91.3868, 0.2991, 0.3477
Android (android.graphics.Color)	4292345580 (0xFFD7FEEC)
YUV	240.2870, -2.1135, -22.1767
Hunter-Lab	95.5965, -20.5179, 9.3289

Details

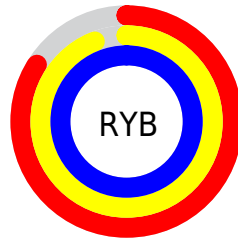
The YUV color $240.2870, -2.1135, -22.1767$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $228.7130, 2.1135, 22.1767$, and the grayscale version is $240.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $183.9990, -1.9715, -21.0471$ is the 20% darker color. If you saturate the color by 10%, you get $231.4440, -3.6699, -36.3464$, and if you desaturate by 10%, it is $249.1300, -0.5571, -8.0070$.

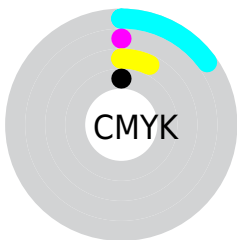
Distribution



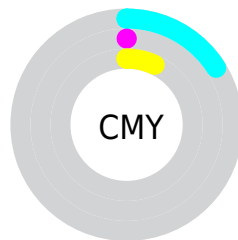
- Red (84%)
- Green (100%)
- Blue (93%)



- Red (84%)
- Yellow (94%)
- Blue (100%)



- Cyan (15%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)



- Cyan (16%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 240.2870, -2.1135, -22.1767 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 240.2870, -2.1135, -22.1767 by changing the saturation by 10% instead.

■ 240.2870, -2.1135,
-22.1767

■ 240.2870, -2.1135,
-22.1767

255.0000, 0.0000,
0.0000

■ 211.7000, -1.8241,
-21.6619

■ 183.9990, -1.9715,
-21.0471

■ 156.9990, -1.9715,
-21.0471

■ 130.8250, -1.3927,
-20.0175

■ 105.7110, -1.8295,
-19.9175

■ 81.1240, -1.5401,
-19.4027

■ 57.6510, -0.8139,

-18.9879

■ 35.3520, -0.6665,
-19.6027

■ 17.2170, -2.5720,
-15.0993

■ 240.2870, -2.1135,
-22.1767

■ 240.2870, -2.1135,
-22.1767

■ 231.4440, -3.6699,
-36.3464

■ 249.1300, -0.5571,
-8.0070

■ 222.4160, -4.6421,
-51.2308

254.4130, 0.2894,
0.5148

■ 213.5730, -6.1985,
-65.4005

■ 204.4310, -7.6075,
-80.1850

■ 195.5880, -9.1639,
-94.3547

■ 186.8590,
-10.2835, -108.6243

■ 177.7170,
-11.6925, -123.4088

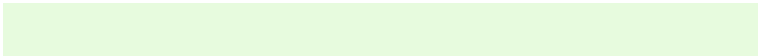
■ 168.8740,
-13.2489, -137.5785

■ 164.7160,
-13.6640, -144.4559

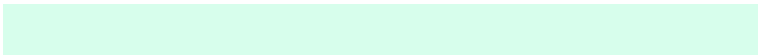
Harmonies

Analogous

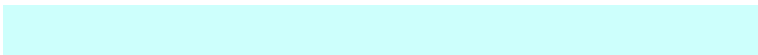
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241.7140, -9.7190, -9.3962



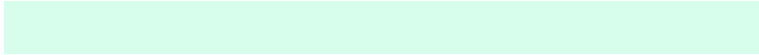
240.2870, -2.1135, -22.1767



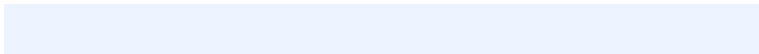
239.7080, 6.0600, -30.4389

Triad

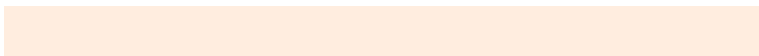
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240.2870, -2.1135, -22.1767



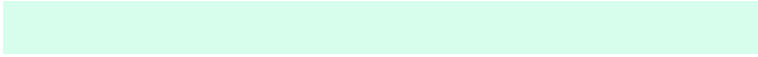
243.4600, 5.6892, -4.7884



240.7860, -8.7685, 12.4657

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



240.2870, -2.1135, -22.1767



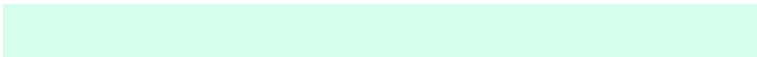
228.7130, 2.1135, 22.1767

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



240.7350, -1.3484, 12.5104



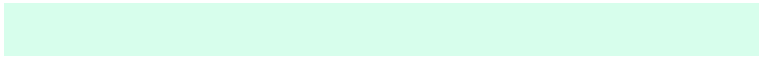
240.2870, -2.1135, -22.1767



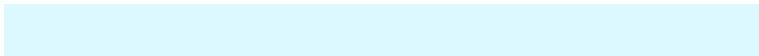
245.6080, 4.6303, 8.2368

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



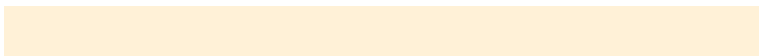
240.2870, -2.1135, -22.1767



240.7140, 7.0430, -19.0432



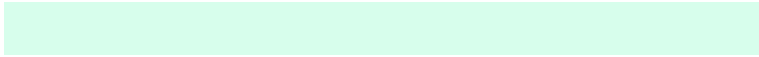
243.1460, 5.3510, 10.3960



242.2220, -13.4204, 11.2063

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



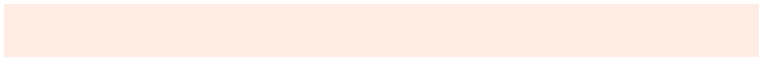
240.2870, -2.1135, -22.1767



239.4630, 7.6597, -30.2241



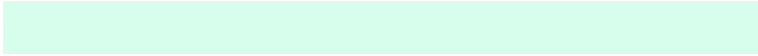
243.1460, 5.3510, 10.3960



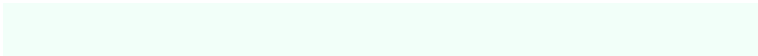
240.7690, -6.2951, 12.4806

Sweetspot

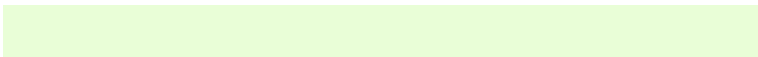
The Sweet Spot groups the original color and five complimentary colors.



240.2870, -2.1135, -22.1767



250.4290, -0.7045, -7.3922



243.2750, -13.9396, -9.0112



125.1520, -0.5679, -4.5183



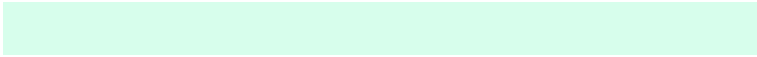
0.0000, 0.0000, 0.0000



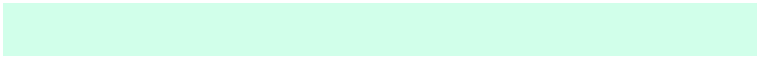
128.0000, 0.0000, 0.0000

Same Dimension

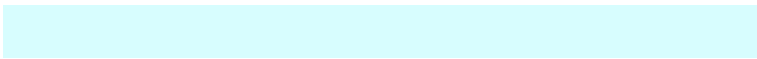
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240.2870, -2.1135, -22.1767



238.8520, -2.3920, -26.1802



241.7520, 6.0383, -23.4615



123.4290, -0.7045, -7.3922



123.8590, -10.2835, -108.6243



41.4440, -3.6699, -36.3464

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



228.7130, 2.1135, 22.1767



225.1480, 2.3920, 26.1802



227.2480, -6.0383, 23.4615



119.5710, 0.7045, 7.3922



67.1410, 10.2835, 108.6243



22.4420, 3.2331, 36.4464

Previews

White Background



This preview shows how the YUV color 240.2870, -2.1135, -22.1767 looks on a white background.

Color Contrast Check

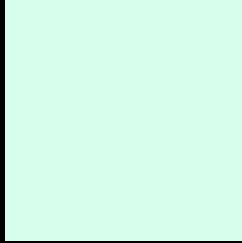
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 240.2870, -2.1135, -22.1767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

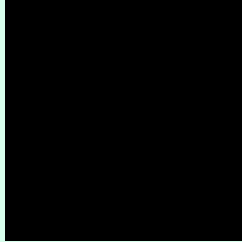
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

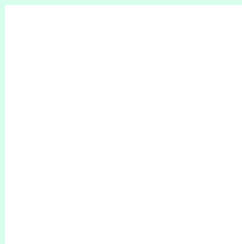
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 240.2870, -2.1135, -22.1767

Background



This preview shows how black text looks on a background with the YUV color 240.2870, -2.1135, -22.1767.



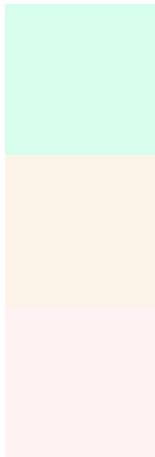
This preview shows how white text looks on a background with the YUV color 240.2870, -2.1135, -22.1767.

-22.1767.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

240.2870, -2.1135, -22.1767

Protanopia

244.7960, -7.2944, 6.3179

Deuteranopia

246.0010, -1.4795, 7.8921

Tritanopia

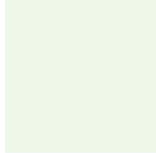
244.3240, 5.2633, -8.1771

Trichromacy



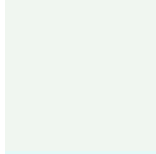
Original Color

240.2870, -2.1135, -22.1767



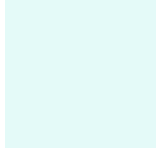
Protanomaly

243.4850, -5.6621, -3.9333



Deuteranomaly

243.5220, -1.7363, -3.0888



Tritanomaly

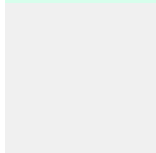
243.1940, 2.3694, -13.3251

Monochromacy



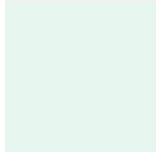
Original Color

240.2870, -2.1135, -22.1767



Achromatopsia

240.0000, 0.0000, 0.0000



Achromatomaly

240.1300, -0.5571, -8.0070

CSS Examples

Text

The CSS property to change the color of the text to YUV 240.2870, -2.1135, -22.1767 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(215, 254, 236)` looks like.

```
.text, #text, p{  
    color:rgb(215, 254, 236)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(215, 254, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 254, 236) }
```

Border

The CSS property to change the border of an element to YUV 240.2870, -2.1135, -22.1767 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 254, 236) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(215, 254, 236) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(215, 254, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 254, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 254, 236);  
box-shadow:4px 4px 4px 4px rgb(215, 254,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 240.2870, -2.1135, -22.1767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 254, 236) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(215,  
254, 236) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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