

Converting Colors

YUV(242.2020, -6.5086,
-12.4552)

Have a look what the booklet for
YUV(242.2020, -6.5086, -12.4552)
contains.

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Color

**YUV(242.2020, -6.5086,
-12.4552)**

Conversions

Conversions Part 1

Format	Color
Hex	E4FCE5
RGB	228, 252, 229
RGB Percent	89%, 99%, 90%
CMY	0.1059, 0.0118, 0.1020
CMYK	0.10, 0.00, 0.09, 0.01
HSL	122°, 80%, 94%
HSV	122°, 10%, 99%
XYZ	80.9482, 91.7719, 87.5761
YIQ	242.2020, -6.9210, -12.2410

Conversions

Conversions Part 2

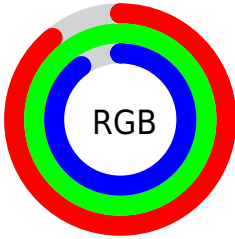
Format	Color
R _Y B	228, 251, 252
Decimal	15006949
CIE Lab	96.73, -11.95, 8.36
CIE LCh	97, 14.583, 145.021
Yxy	91.7719, 0.3110, 0.3526
Android (android.graphics.Color)	4293197029 (0xFFE4FCE5)
YUV	242.2020, -6.5086, -12.4552
Hunter-Lab	95.7977, -16.8150, 12.8568

Details

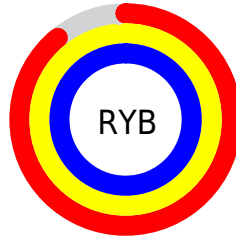
The YUV color $242.2020, -6.5086, -12.4552$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $237.7980, 6.5086, 12.4552$, and the grayscale version is $242.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $185.7290, -5.7824, -12.0403$ is the 20% darker color. If you saturate the color by 10%, you get $231.9910, -13.3066, -25.4251$, and if you desaturate by 10%, it is $252.4130, 0.2894, 0.5148$.

Distribution



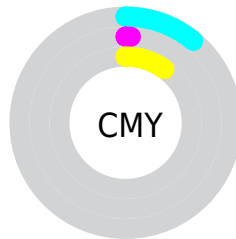
- Red (89%)
- Green (99%)
- Blue (90%)



- Red (89%)
- Yellow (98%)
- Blue (99%)



- Cyan (10%)
- Magenta (0%)
- Yellow (9%)
- Black (1%)



- Cyan (11%)
- Magenta (1%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 242.2020, -6.5086, -12.4552 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 242.2020, -6.5086, -12.4552 by changing the saturation by 10% instead.

■ 242.2020, -6.5086,
-12.4552

■ 242.2020, -6.5086,
-12.4552

255.0000, 0.0000,
0.0000

■ 213.6150, -6.2192,
-11.9404

■ 185.7290, -5.7824,
-12.0403

■ 159.0280, -5.9298,
-11.4256

■ 133.0280, -5.9298,
-11.4256

■ 107.4410, -5.6404,
-10.9108

■ 82.9680, -4.9142,
-10.4959

■ 60.2670, -5.0616,

-9.8812

■ 38.3810, -4.6248,
-9.9811

■ 16.6150, -6.2192,
-11.9404

■ 242.2020, -6.5086,
-12.4552

■ 242.2020, -6.5086,
-12.4552

■ 231.9910,
-13.3066, -25.4251

■ 252.4130, 0.2894,
0.5148

■ 221.7800,
-20.1045, -38.3951

■ 253.2390, 0.8682,
1.5444

■ 211.2700,
-26.7551, -51.9798

■ 200.9450,
-33.9899, -64.8498

■ 190.7340,
-40.7879, -77.8197

■ 180.5230,
-47.5858, -90.7897

■ 170.3120,
-54.3838, -103.7596

■ 159.8020,
-61.0344, -117.3444

■ 149.5910,
-67.8324, -130.3143

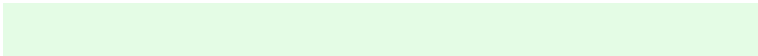
Harmonies

Analogous

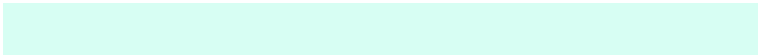
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



243.6120, -11.6407, 0.3403



242.2020, -6.5086, -12.4552



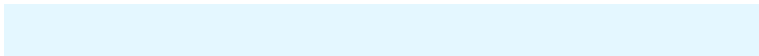
241.0850, 0.9441, -22.8765

Triad

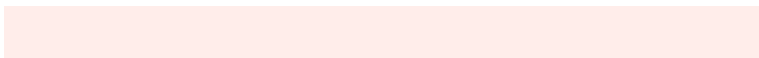
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



242.2020, -6.5086, -12.4552



242.2310, 6.2951, -12.4806



242.0400, -3.9637, 11.3659

Complementary

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



242.2020, -6.5086, -12.4552



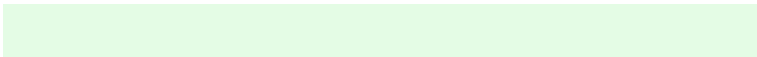
237.7980, 6.5086, 12.4552

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.



243.0490, 2.4408, 10.4810



242.2020, -6.5086, -12.4552



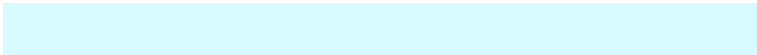
245.2650, 4.7994, 0.6446

Square

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



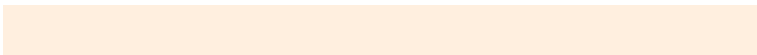
242.2020, -6.5086, -12.4552



240.6920, 7.0538, -22.5319



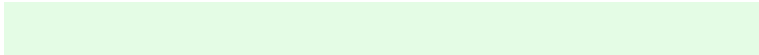
245.6080, 4.6303, 8.2368



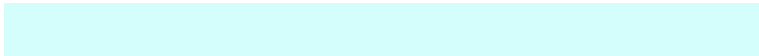
241.9600, -9.3473, 11.4361

Rectangle

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



242.2020, -6.5086, -12.4552



240.9150, 5.4649, -26.2355



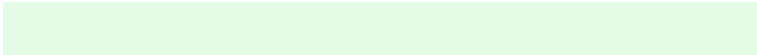
245.6080, 4.6303, 8.2368



242.0230, -1.4903, 11.3808

Sweetspot

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



242.2020, -6.5086, -12.4552



251.8100, -1.8783, -4.2184



248.9650, -10.3357, 1.7847



125.6360, -1.2995, -3.1888



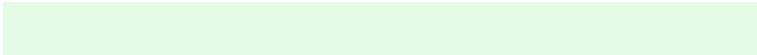
0.0000, 0.0000, 0.0000



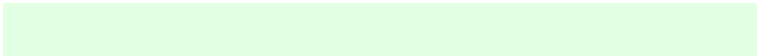
128.0000, 0.0000, 0.0000

Same Dimension

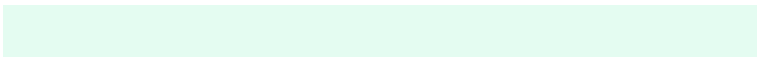
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242.2020, -6.5086, -12.4552



243.5500, -7.6661, -14.5143



243.5700, -1.2670, -13.6549



119.7450, -3.3253, -6.7924



111.8550, -51.2005, -98.0968



36.1490, -16.3425, -31.7027

Inverse Universe

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



237.7980, 6.5086, 12.4552



238.4500, 7.6662, 14.5144



236.4300, 1.2670, 13.6549



117.2550, 3.3253, 6.7924



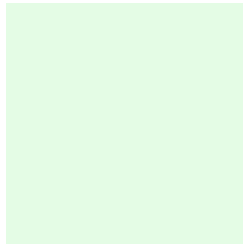
77.1450, 51.2005, 98.0968



24.9650, 16.7793, 31.6027

Previews

White Background



This preview shows how the YUV color 242.2020, -6.5086, -12.4552 looks on a white background.

Color Contrast Check

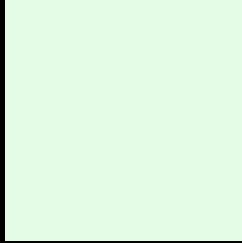
Large Text (above 18pt) WCAG AA × Fail

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 242.2020, -6.5086, -12.4552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

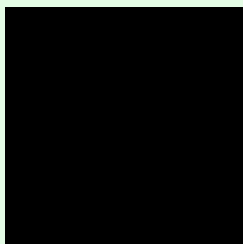
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

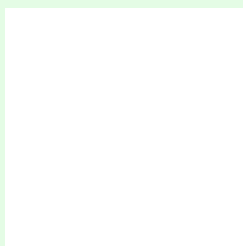
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 242.2020, -6.5086, -12.4552

Background



This preview shows how black text looks on a background with the YUV color 242.2020, -6.5086, -12.4552.



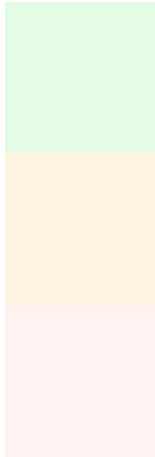
This preview shows how white text looks on a background with the YUV color 242.2020, -6.5086,

-12.4552.

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

242.2020, -6.5086, -12.4552

Protanopia

244.8240, -9.7732, 8.0474

Deuteranopia

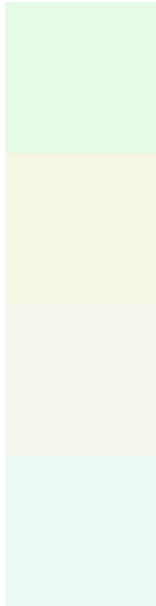
246.3600, -2.6425, 7.5773



Tritanopia

245.2320, 4.8156, -4.5885

Trichromacy



Original Color

242.2020, -6.5086, -12.4552

Protanomaly

244.0080, -8.8779, 0.8700

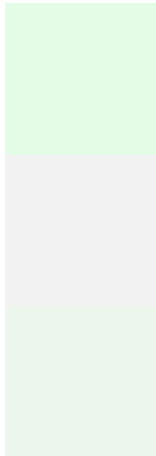
Deuteranomaly

244.6750, -3.7838, 0.2850

Tritanomaly

244.1840, 0.8953, -7.1774

Monochromacy



Original Color

242.2020, -6.5086, -12.4552

Achromatopsia

242.0000, 0.0000, 0.0000

Achromatomaly

242.2830, -2.6045, -4.6332

CSS Examples

Text

The CSS property to change the color of the text to YUV 242.2020, -6.5086, -12.4552 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(228, 252, 229)` looks like.

```
.text, #text, p{  
    color:rgb(228, 252, 229)  
}
```

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(228, 252, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 252, 229) }
```

Border

The CSS property to change the border of an element to YUV 242.2020, -6.5086, -12.4552 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(228, 252, 229) }
```


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

```
.border{ border-color:rgb(228, 252, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 252, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 252, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 252, 229);  
box-shadow:4px 4px 4px 4px rgb(228, 252,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 242.2020, -6.5086, -12.4552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 252, 229) }
```

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

```
.background{ background-color: rgb(228,  
252, 229) }
```

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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