

Converting Colors

YUV(237.2170, -2.5720,
-15.0993)

Have a look what the booklet for
YUV(237.2170, -2.5720, -15.0993)
contains.

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Color

**YUV(237.2170, -2.5720,
-15.0993)**

Conversions

Conversions Part 1

Format	Color
Hex	DCF7E8
RGB	220, 247, 232
RGB Percent	86%, 97%, 91%
CMY	0.1373, 0.0314, 0.0902
CMYK	0.11, 0.00, 0.06, 0.03
HSL	147°, 63%, 92%
HSV	147°, 11%, 97%
XYZ	77.3415, 87.5634, 89.1690
YIQ	237.2170, -11.2770, -10.3890

Conversions

Conversions Part 2

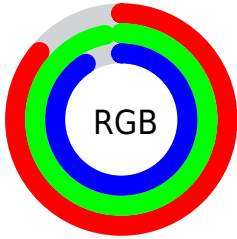
Format	Color
R _{YB}	220, 239, 247
Decimal	14481384
CIE Lab	94.98, -11.55, 4.22
CIE LCh	95, 12.299, 159.924
Yxy	87.5634, 0.3044, 0.3446
Android (android.graphics.Color)	4292671464 (0xFFDC7E8)
YUV	237.2170, -2.5720, -15.0993
Hunter-Lab	93.5753, -16.2237, 9.0046

Details

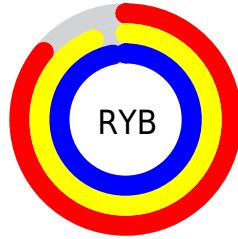
The YUV color $237.2170, -2.5720, -15.0993$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $229.7830, 2.5720, 15.0993$, and the grayscale version is $237.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $181.5160, -2.7194, -14.4845$ is the 20% darker color. If you saturate the color by 10%, you get $228.1460, -5.0020, -29.0690$, and if you desaturate by 10%, it is $246.2880, -0.1420, -1.1296$.

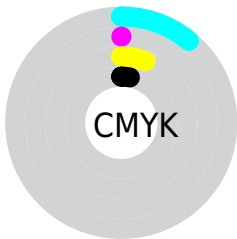
Distribution



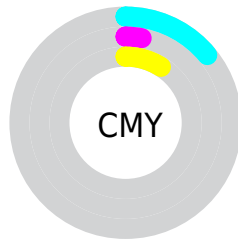
- Red (86%)
- Green (97%)
- Blue (91%)



- Red (86%)
- Yellow (94%)
- Blue (97%)



- Cyan (11%)
- Magenta (0%)
- Yellow (6%)
- Black (3%)



- Cyan (14%)
- Magenta (3%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 237.2170, -2.5720, -15.0993 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 237.2170, -2.5720, -15.0993 by changing the saturation by 10% instead.

■ 237.2170, -2.5720,
-15.0993

■ 237.2170, -2.5720,
-15.0993

255.0000, 0.0000,
0.0000

■ 208.6300, -2.2826,
-14.5845

■ 181.5160, -2.7194,
-14.4845

■ 154.6300, -2.2826,
-14.5845

■ 128.3420, -2.1406,
-13.4549

■ 103.3420, -2.1406,
-13.4549

■ 79.0540, -1.9986,
-12.3254

■ 56.1680, -1.5618,

-12.4253

■ 34.4670, -1.7092,
-11.8106

■ 13.7120, -3.3090,
-12.0254

■ 237.2170, -2.5720,
-15.0993

■ 237.2170, -2.5720,
-15.0993

■ 228.1460, -5.0020,
-29.0690

■ 246.2880, -0.1420,
-1.1296

■ 219.4880, -7.1426,
-42.5240

■ 250.3040, 2.3151,
4.1184

■ 210.4170, -9.5726,
-56.4937

■ 201.3460,
-12.0026, -70.4634

■ 192.5740,
-14.5800, -83.8184

■ 183.6170,
-16.5732, -97.8881

■ 174.5460,
-19.0032, -111.8578

■ 165.4750,
-21.4332, -125.8276

■ 157.5290,
-23.4318, -138.1529

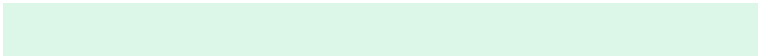
Harmonies

Analogous

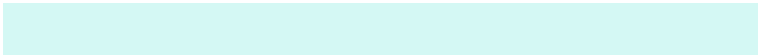
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



238.7900, -8.2775, -5.0778



237.2170, -2.5720, -15.0993



236.7800, 3.5595, -21.7321

Triad

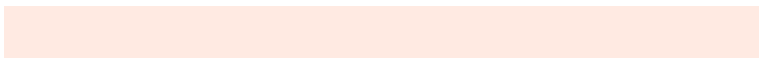
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



237.2170, -2.5720, -15.0993



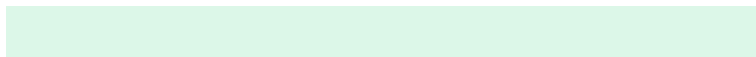
239.6170, 7.5838, -5.8031



239.3670, -6.5899, 13.7101

Complementary

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



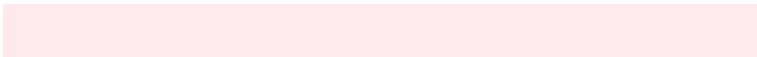
237.2170, -2.5720, -15.0993



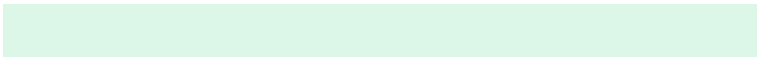
229.7830, 2.5720, 15.0993

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.



240.0340, -1.4958, 13.1252



237.2170, -2.5720, -15.0993



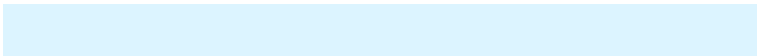
241.7540, 6.5303, 5.4777

Square

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



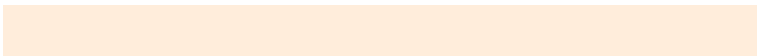
237.2170, -2.5720, -15.0993



238.0780, 8.3425, -15.8544



241.4020, 3.7458, 11.9254



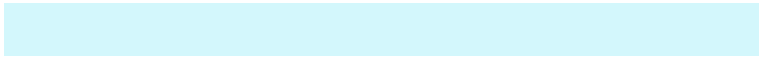
240.3300, -10.5157, 12.8656

Rectangle

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



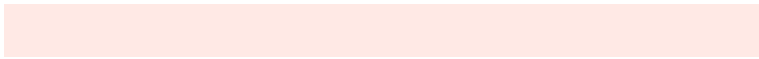
237.2170, -2.5720, -15.0993



236.8060, 7.4906, -22.6319



241.4020, 3.7458, 11.9254



239.1220, -4.9901, 13.9250

Sweetspot

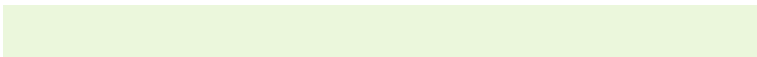
The Sweet Spot groups the original color and five complimentary colors.



237.2170, -2.5720, -15.0993



252.1520, -0.5679, -4.5183



240.3340, -10.0247, -4.6779



125.8640, -0.4260, -3.3887



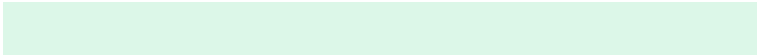
0.0000, 0.0000, 0.0000



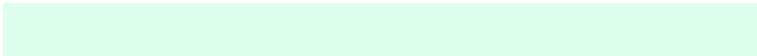
128.0000, 0.0000, 0.0000

Same Dimension

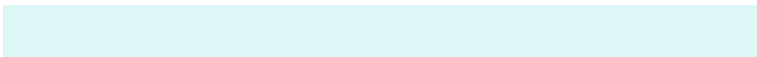
The Same Dimension uses a secret algorithm to generate beautiful new colors.



237.2170, -2.5720, -15.0993



243.0810, -2.9979, -18.4880



238.6990, 3.1064, -16.3990



117.7280, -0.8519, -6.7775



118.6440, -17.5725, -104.0508



37.5970, -5.7173, -32.9726

Inverse Universe

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



229.7830, 2.5720, 15.0993



233.9190, 2.9979, 18.4880



228.3010, -3.1064, 16.3990



114.3860, 1.2887, 6.6775



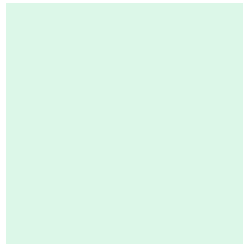
67.3560, 17.5725, 104.0508



21.4030, 5.7173, 32.9726

Previews

White Background



This preview shows how the YUV color 237.2170, -2.5720, -15.0993 looks on a white background.

Color Contrast Check

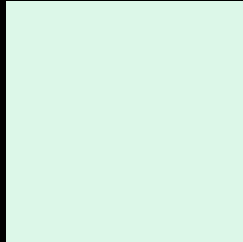
Large Text (above 18pt) WCAG AA × Fail

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 237.2170, -2.5720, -15.0993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

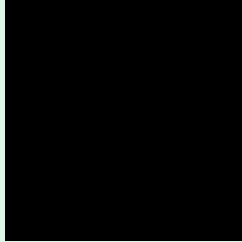
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

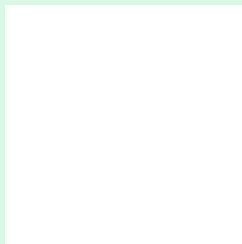
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 237.2170, -2.5720, -15.0993

Background



This preview shows how black text looks on a background with the YUV color 237.2170, -2.5720, -15.0993.



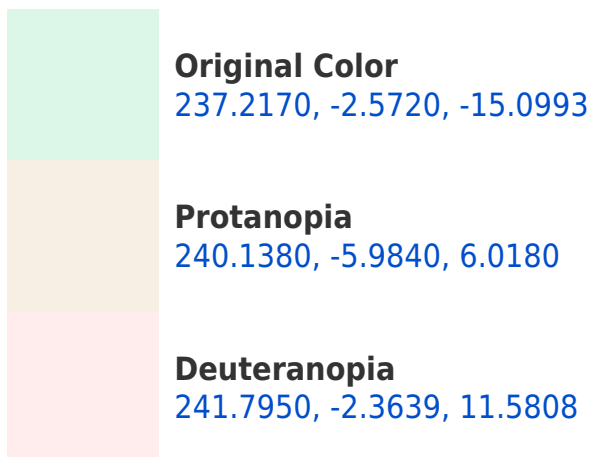
This preview shows how white text looks on a background with the YUV color 237.2170, -2.5720,

-15.0993.

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

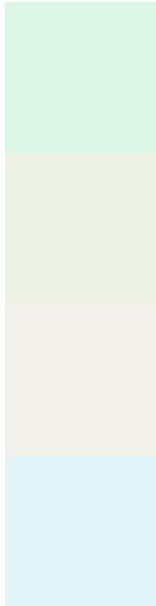




Tritanopia

239.8940, 7.4473, -8.6770

Trichromacy



Original Color

237.2170, -2.5720, -15.0993

Protanomaly

239.0230, -4.9413, -1.7742

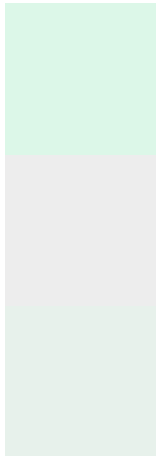
Deuteranomaly

240.0280, -2.4788, 1.7294

Tritanomaly

238.9600, 3.9637, -11.3659

Monochromacy



Original Color

237.2170, -2.5720, -15.0993

Achromatopsia

237.0000, 0.0000, 0.0000

Achromatomaly

237.3260, -1.1467, -5.5479

CSS Examples

Text

The CSS property to change the color of the text to YUV 237.2170, -2.5720, -15.0993 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(220, 247, 232)` looks like.

```
.text, #text, p{  
    color:rgb(220, 247, 232)  
}
```

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(220, 247, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 247, 232) }
```

Border

The CSS property to change the border of an element to YUV 237.2170, -2.5720, -15.0993 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(220, 247, 232) }
```


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

```
.border{ border-color:rgb(220, 247, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 247, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 247, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 247, 232);  
box-shadow:4px 4px 4px 4px rgb(220, 247,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 237.2170, -2.5720, -15.0993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 247, 232) }
```

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

```
.background{ background-color: rgb(220,  
247, 232) }
```

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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