

Converting Colors

YUV(215.7050, 0.6384,
-18.1583)

Have a look what the booklet for
YUV(215.7050, 0.6384, -18.1583)
contains.

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Color

**YUV(215.7050, 0.6384,
-18.1583)**

Conversions

Conversions Part 1

Format	Color
Hex	C3E2D9
RGB	195, 226, 217
RGB Percent	76%, 89%, 85%
CMY	0.2353, 0.1137, 0.1490
CMYK	0.14, 0.00, 0.04, 0.11
HSL	163°, 35%, 83%
HSV	163°, 14%, 89%
XYZ	62.2264, 71.0046, 76.0712
YIQ	215.7050, -15.5870, -9.3710

Conversions

Conversions Part 2

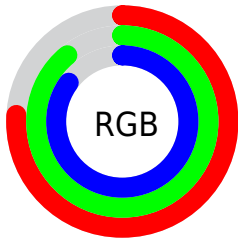
Format	Color
RYB	195, 213, 226
Decimal	12837593
CIELab	87.49, -11.91, 0.96
CIElCh	87, 11.945, 175.392
Yxy	71.0046, 0.2973, 0.3392
Android (android.graphics.Color)	4291027673 (0xFFC3E2D9)
YUV	215.7050, 0.6384, -18.1583
Hunter-Lab	84.2642, -15.6458, 5.4597

Details

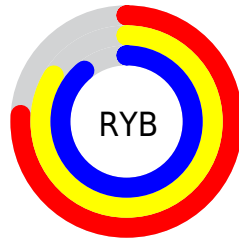
The YUV color $215.7050, 0.6384, -18.1583$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $205.2950, -0.6384, 18.1583$, and the grayscale version is $216.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.1030, 0.4422, -1.8443$, and $161.0040, 0.4910, -17.5435$ is the 20% darker color. If you saturate the color by 10%, you get $208.0300, 0.9712, -31.5983$, and if you desaturate by 10%, it is $223.3800, 0.3057, -4.7183$.

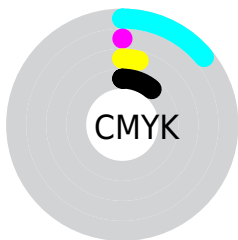
Distribution



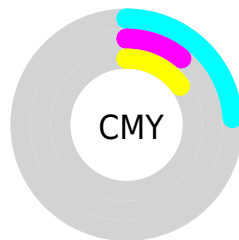
- Red (76%)
- Green (89%)
- Blue (85%)



- Red (76%)
- Yellow (84%)
- Blue (89%)



- Cyan (14%)
- Magenta (0%)
- Yellow (4%)
- Black (11%)



- Cyan (24%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 215.7050, 0.6384, -18.1583 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 215.7050, 0.6384, -18.1583 by changing the saturation by 10% instead.

■ 215.7050, 0.6384,
-18.1583

■ 215.7050, 0.6384,
-18.1583

255.0000, 0.0000,
0.0000

■ 188.0040, 0.4910,
-17.5435

■ 254.1030, 0.4422,
-1.8443

■ 161.0040, 0.4910,
-17.5435

■ 134.4170, 0.7804,
-17.0287

■ 108.8300, 1.0698,
-16.5139

■ 84.7160, 0.6330,
-16.4139

■ 61.4280, 0.7750,
-15.2844

■ 39.4280, 0.7750,

-15.2844

■ 18.2430, 1.3592,
-15.9991

■ 0.0000, 0.0000,
0.0000

■ 215.7050, 0.6384,
-18.1583

■ 215.7050, 0.6384,
-18.1583

■ 208.0300, 0.9712,
-31.5983

■ 223.3800, 0.3057,
-4.7183

■ 200.7680, 1.5934,
-44.5235

■ 230.6420, -0.3165,
8.2070

■ 193.0930, 1.9262,
-57.9636

■ 235.9250, 0.5300,
16.7288

■ 185.8310, 2.5483,
-70.8888

■ 236.6090, 3.1508,
16.1289

■ 178.1560, 2.8811,
-84.3288

■ 237.4070, 6.2083,
15.4291

■ 170.5950, 3.6507,
-97.8688

■ 237.9770, 8.3923,
14.9292

■ 163.2190, 3.8360,
-110.6941

■ 155.6580, 4.6056,
-124.2341

■ 150.9020, 4.4853,
-132.3411

Harmonies

Analogous

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



216.2670, -5.0616, -9.8812



215.7050, 0.6384, -18.1583



215.8770, 6.4696, -21.8171

Triad

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



215.7050, 0.6384, -18.1583



220.2200, 9.7515, -1.0699



220.2920, -9.5110, 17.2839

Complementary

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



215.7050, 0.6384, -18.1583



205.2950, -0.6384, 18.1583

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.



221.3400, -5.5906, 19.8728



215.7050, 0.6384, -18.1583



221.7330, 5.0616, 9.8812

Square

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



215.7050, 0.6384, -18.1583



218.6100, 11.5313, -11.9360



221.6970, -0.3436, 16.9287



219.4930, -11.0890, 10.0916

Rectangle

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



215.7050, 0.6384, -18.1583



216.5720, 9.0850, -20.6726



221.6970, -0.3436, 16.9287



220.6450, -8.2060, 18.7283

Sweetspot

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



215.7050, 0.6384, -18.1583



251.6680, 0.1637, -5.8478



215.8880, -10.2978, -10.4258



125.6790, 0.1583, -4.1035



0.0000, 0.0000, 0.0000



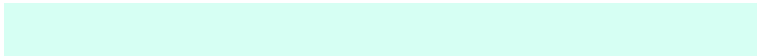
128.0000, 0.0000, 0.0000

Same Dimension

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



215.7050, 0.6384, -18.1583



241.3730, 0.8021, -24.0061



213.2090, 6.3060, -15.9693



108.3690, 0.3111, -6.4626



117.5620, 3.6669, -103.1019



32.0520, 0.9604, -28.1096

Inverse Universe

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



205.2950, -0.6384, 18.1583



227.6270, -0.8021, 24.0061



207.7910, -6.3060, 15.9693



104.6310, -0.3111, 6.4626



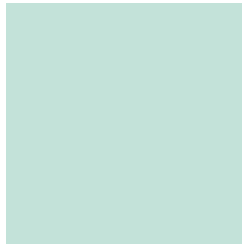
58.4380, -3.6669, 103.1019



15.9480, -0.9604, 28.1096

Previews

White Background



This preview shows how the YUV color 215.7050, 0.6384, -18.1583 looks on a white background.

Color Contrast Check

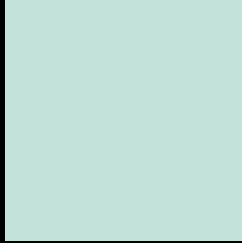
Large Text (above 18pt) WCAG AA × Fail

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 215.7050, 0.6384, -18.1583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

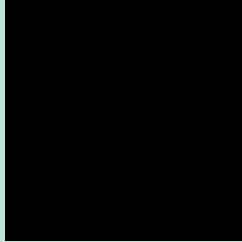
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

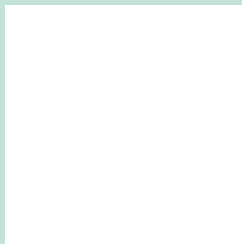
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 215.7050, 0.6384, -18.1583

Background



This preview shows how black text looks on a background with the YUV color 215.7050, 0.6384, -18.1583.



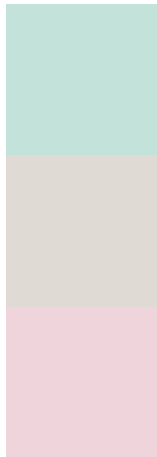
This preview shows how white text looks on a background with the YUV color 215.7050, 0.6384,

-18.1583.

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

215.7050, 0.6384, -18.1583

Protanopia

219.1100, -3.5052, 4.2885

Deuteranopia

220.9850, -0.4856, 15.7992



Tritanopia

217.1750, 11.2527, -15.9395

Trichromacy



Original Color

215.7050, 0.6384, -18.1583

Protanomaly

217.8100, -1.8783, -4.2184

Deuteranomaly

219.0220, -0.0108, 3.4887

Tritanomaly

216.5510, 7.6164, -16.2692

Monochromacy



Original Color

215.7050, 0.6384, -18.1583

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

215.9560, 0.0217, -6.9774

CSS Examples

Text

The CSS property to change the color of the text to YUV 215.7050, 0.6384, -18.1583 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(195, 226, 217)` looks like.

```
.text, #text, p{  
    color:rgb(195, 226, 217)  
}
```

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(195, 226, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 226, 217) }
```

Border

The CSS property to change the border of an element to YUV 215.7050, 0.6384, -18.1583 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(195, 226, 217) }
```


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

```
.border{ border-color:rgb(195, 226, 217) }
```

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

Here you see how a box with a 4 pixel rgb(195, 226, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 226, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 226, 217);  
box-shadow:4px 4px 4px 4px rgb(195, 226,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 215.7050, 0.6384, -18.1583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 226, 217) }
```

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

```
.background{ background-color: rgb(195,  
226, 217) }
```

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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