

Converting Colors

YUV(217.1510, -2.5394,
-25.5654)

Have a look what the booklet for
YUV(217.1510, -2.5394, -25.5654)
contains.

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Color

**YUV(217.1510, -2.5394,
-25.5654)**

Conversions

Conversions Part 1

Format	Color
Hex	BCE9D4
RGB	188, 233, 212
RGB Percent	74%, 91%, 83%
CMY	0.2627, 0.0863, 0.1686
CMYK	0.19, 0.00, 0.09, 0.09
HSL	152°, 51%, 83%
HSV	152°, 19%, 91%
XYZ	61.7616, 73.7227, 73.2621
YIQ	217.1510, -20.0790, -16.0710

Conversions

Conversions Part 2

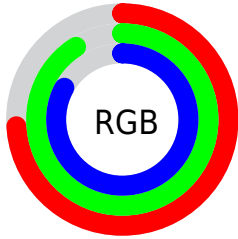
Format	Color
R _{YB}	188, 217, 233
Decimal	12380628
CIE Lab	88.79, -18.61, 5.42
CIE LCh	89, 19.384, 163.764
Yxy	73.7227, 0.2959, 0.3532
Android (android.graphics.Color)	4290570708 (0xFFBCE9D4)
YUV	217.1510, -2.5394, -25.5654
Hunter-Lab	85.8619, -21.8609, 9.5139

Details

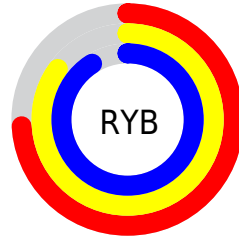
The YUV color $217.1510, -2.5394, -25.5654$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $203.8490, 2.5394, 25.5654$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.0100, 1.4741, -6.1478$, and $161.8630, -2.3975, -24.4359$ is the 20% darker color. If you saturate the color by 10%, you get $209.0200, -3.9539, -38.6055$, and if you desaturate by 10%, it is $225.2820, -1.1250, -12.5253$.

Distribution



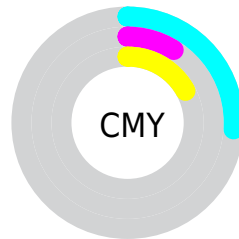
- Red (74%)
- Green (91%)
- Blue (83%)



- Red (74%)
- Yellow (85%)
- Blue (91%)



- Cyan (19%)
- Magenta (0%)
- Yellow (9%)
- Black (9%)



- Cyan (26%)
- Magenta (9%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.1510, -2.5394, -25.5654 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 217.1510, -2.5394, -25.5654 by changing the saturation by 10% instead.

■ 217.1510, -2.5394,
-25.5654

■ 217.1510, -2.5394,
-25.5654

255.0000, 0.0000,
0.0000

■ 189.4500, -2.6868,
-24.9506

■ 252.0100, 1.4741,
-6.1478

■ 161.8630, -2.3975,
-24.4359

■ 135.2760, -2.1081,
-23.9211

■ 109.6890, -1.8187,
-23.4063

■ 85.1020, -1.5293,
-22.8915

■ 61.2160, -1.0925,
-22.9914

■ 38.0310, -0.5083,

-23.7062

■ 20.1350, -1.5456,
-17.6584

■ 0.0000, 0.0000,
0.0000

■ 217.1510, -2.5394,
-25.5654

■ 217.1510, -2.5394,
-25.5654

■ 209.0200, -3.9539,
-38.6055

■ 225.2820, -1.1250,
-12.5253

■ 200.5900, -5.2209,
-52.2604

■ 233.7120, 0.1420,
1.1296

■ 192.4590, -6.6353,
-65.3005

■ 240.9460, 1.9986,
12.3254

■ 184.4420, -7.6129,
-78.4406

■ 242.0860, 6.3666,
11.3256

■ 176.3110, -9.0273,
-91.4807

■ 167.8810,
-10.2943, -105.1356

■ 159.7500,
-11.7087, -118.1757

■ 151.6190,
-13.1232, -131.2159

■ 150.9070,
-13.2652, -132.3454

Harmonies

Analogous

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



219.2470, -11.4608, -10.7406



217.1510, -2.5394, -25.5654



216.3160, 7.2392, -35.3571

Triad

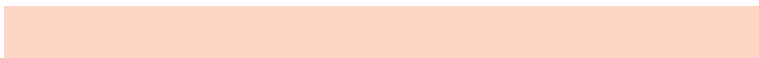
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



217.1510, -2.5394, -25.5654



223.0710, 15.7410, -8.8323



223.8480, -12.7431, 27.3203

Complementary

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



217.1510, -2.5394, -25.5654



203.8490, 2.5394, 25.5654

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.



224.0250, -4.4493, 27.1651



217.1510, -2.5394, -25.5654



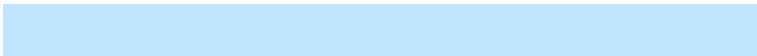
226.1550, 11.7556, 9.5111

Square

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



217.1510, -2.5394, -25.5654



220.0150, 17.2476, -25.4462



226.4790, 3.7079, 24.1359



223.2510, -17.3787, 20.8279

Rectangle

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



217.1510, -2.5394, -25.5654



216.7980, 12.9176, -36.6568



226.4790, 3.7079, 24.1359



223.8310, -10.2697, 27.3352

Sweetspot

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



217.1510, -2.5394, -25.5654



249.7170, -0.8465, -8.5218



220.6940, -16.1181, -10.2556



124.7390, -0.8573, -5.0331



0.0000, 0.0000, 0.0000



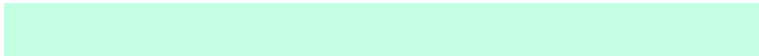
128.0000, 0.0000, 0.0000

Same Dimension

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



217.1510, -2.5394, -25.5654



234.2810, -3.0965, -33.5724



218.9580, 6.9227, -27.1502



113.1410, -0.5625, -6.2627



117.3050, -10.0104, -102.8765



35.0040, -2.9600, -30.6985

Inverse Universe

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



203.8490, 2.5394, 25.5654



216.8330, 3.5333, 33.4725



202.6290, -7.2121, 26.6354



109.8590, 0.5625, 6.2627



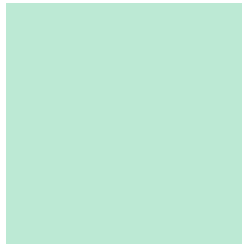
63.6950, 10.0104, 102.8765



18.9960, 2.9600, 30.6985

Previews

White Background



This preview shows how the YUV color 217.1510, -2.5394, -25.5654 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 217.1510, -2.5394, -25.5654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

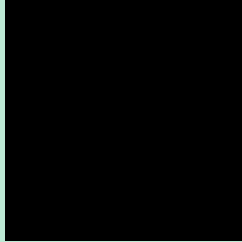
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

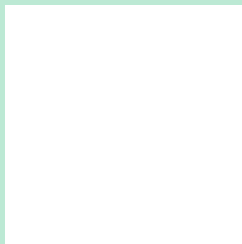
Any Text WCAG AAA ✓ Pass

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

YUV 217.1510, -2.5394, -25.5654 Background



This preview shows how black text looks on a background with the YUV color 217.1510, -2.5394, -25.5654.



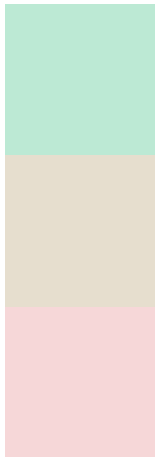
This preview shows how white text looks on a background with the YUV color 217.1510, -2.5394,

-25.5654.

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

217.1510, -2.5394, -25.5654

Protanopia

222.5680, -8.1680, 6.5179

Deuteranopia

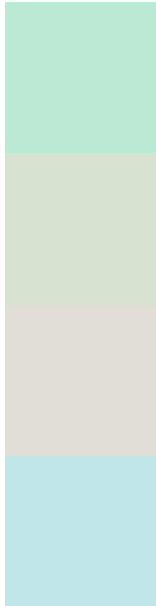
224.3830, -4.1328, 18.9581



Tritanopia

219.8860, 12.8742, -22.7020

Trichromacy



Original Color

217.1510, -2.5394, -25.5654

Protanomaly

220.6590, -6.2409, -4.9629

Deuteranomaly

222.0990, -3.4998, 2.5442

Tritanomaly

219.0940, 7.3487, -23.7614

Monochromacy



Original Color

217.1510, -2.5394, -25.5654

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

217.0050, -0.9885, -9.6514

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.1510, -2.5394, -25.5654 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(188, 233, 212)` looks like.

```
.text, #text, p{  
    color:rgb(188, 233, 212)  
}
```

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(188, 233, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 233, 212) }
```

Border

The CSS property to change the border of an element to YUV 217.1510, -2.5394, -25.5654 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(188, 233, 212) }
```


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

```
.border{ border-color:rgb(188, 233, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 233, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 233, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 233, 212);  
box-shadow:4px 4px 4px 4px rgb(188, 233,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 217.1510, -2.5394, -25.5654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 233, 212) }
```

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

```
.background{ background-color: rgb(188,  
233, 212) }
```

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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