

Converting Colors

YUV(217.7510, 0.6158,
-57.6636)

Have a look what the booklet for
YUV(217.7510, 0.6158, -57.6636)
contains.

YUV(217.7510, 0.6158, -57.6636)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(217.7510, 0.6158,
-57.6636)**

Conversions

Conversions Part 1

Format	Color
Hex	98FBDB
RGB	152, 251, 219
RGB Percent	60%, 98%, 86%
CMY	0.4039, 0.0157, 0.1412
CMYK	0.39, 0.00, 0.13, 0.02
HSL	161°, 93%, 79%
HSV	161°, 39%, 98%
XYZ	60.2323, 80.7842, 79.4362
YIQ	217.7510, -48.7320, -30.9400

Conversions

Conversions Part 2

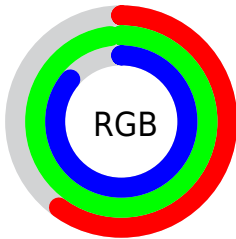
Format	Color
RYB	152, 211, 251
Decimal	10025947
CIELab	92.04, -36.20, 6.22
CIELCh	92, 36.731, 170.246
Yxy	80.7842, 0.2732, 0.3664
Android (android.graphics.Color)	4288216027 (0xFF98FBDB)
YUV	217.7510, 0.6158, -57.6636
Hunter-Lab	89.8800, -37.6700, 10.5154

Details

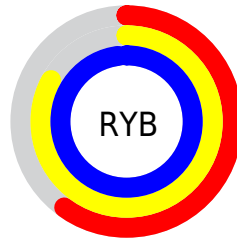
The YUV color **217.7510, 0.6158, -57.6636** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **185.2490, -0.6158, 57.6636**, and the grayscale version is **218.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.5450, 6.6333, -27.6650**, and **160.9790, 1.4894, -57.8636** is the 20% darker color. If you saturate the color by 10%, you get **209.3640, 0.8065, -72.2332**, and if you desaturate by 10%, it is **226.1380, 0.4250, -43.0940**.

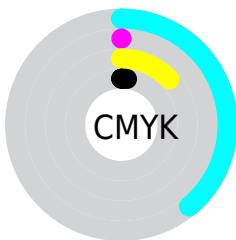
Distribution



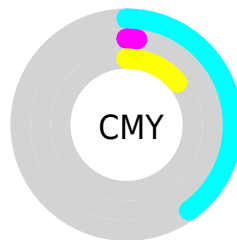
- Red (60%)
- Green (98%)
- Blue (86%)



- Red (60%)
- Yellow (83%)
- Blue (98%)



- Cyan (39%)
- Magenta (0%)
- Yellow (13%)
- Black (2%)





- Cyan (40%)
- Magenta (2%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.7510, 0.6158, -57.6636 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 217.7510, 0.6158, -57.6636 by changing the saturation by 10% instead.

 217.7510, 0.6158,
-57.6636


 217.7510, 0.6158,
-57.6636

255.0000, 0.0000,
0.0000

 189.1640, 0.9051,
-57.1488


 241.5450, 6.6333,
-27.6650


 160.9790, 1.4894,
-57.8636

 250.2160, 2.3585,
-9.8364

 132.9080, 2.5104,
-58.6783

 104.8150, 3.5422,
-62.9818

 76.9500, 5.4477,
-67.4851

 59.6530, 2.6361,
-52.3157

 42.4700, 0.2613,

-37.2462

■ 27.1620, -2.5449,
-23.8211

■ 8.2180, -4.0515,
-7.2072

■ 217.7510, 0.6158,
-57.6636

■ 217.7510, 0.6158,
-57.6636

■ 209.3640, 0.8065,
-72.2332

■ 226.1380, 0.4250,
-43.0940

■ 200.9770, 0.9973,
-86.8028

■ 234.5250, 0.2342,
-28.5244

■ 192.5900, 1.1881,
-101.3724

■ 242.9120, 0.0434,
-13.9548

■ 184.2030, 1.3789,
-115.9420

■ 251.2990, -0.1474,
0.6148

■ 175.7020, 1.1329,
-130.4117

■ 252.6520, 1.1576,
2.0592

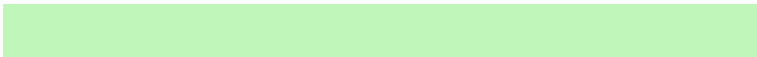
■ 167.0160, 1.4711,
-145.5960

■ 166.7170, 1.6185,
-146.2108

Harmonies

Analogous

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



223.0140, -18.2479, -27.1993



217.7510, 0.6158, -57.6636



213.7710, 20.3259, -79.6062

Triad

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



217.7510, 0.6158, -57.6636



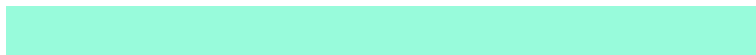
228.3980, 13.1148, -6.4880



222.2690, -21.3316, 28.7051

Complementary

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



217.7510, 0.6158, -57.6636



185.2490, -0.6158, 57.6636

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.



221.5800, -6.2019, 29.3093



217.7510, 0.6158, -57.6636



231.5200, 11.5756, 20.5920

Square

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



217.7510, 0.6158, -57.6636



220.1930, 17.1599, -44.0193



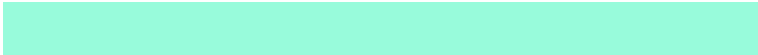
225.6840, 9.5228, 25.7101



227.4890, -31.7931, 24.1271

Rectangle

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



217.7510, 0.6158, -57.6636



211.7110, 21.3415, -78.6765



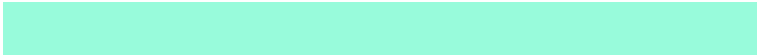
225.6840, 9.5228, 25.7101



221.5340, -16.5323, 29.3497

Sweetspot

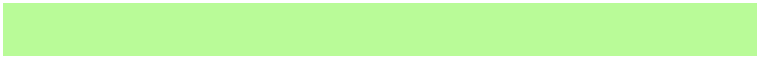
The Sweet Spot groups the original color and five complimentary colors.



217.7510, 0.6158, -57.6636



244.5910, 0.2016, -18.0583



219.9800, -33.5141, -30.6775



121.9340, 0.0325, -10.4661



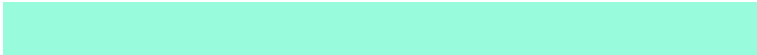
0.0000, 0.0000, 0.0000



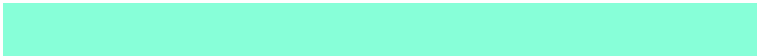
128.0000, 0.0000, 0.0000

Same Dimension

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



217.7510, 0.6158, -57.6636



214.6740, 0.6537, -69.8741



211.4200, 19.5129, -52.1113



120.6570, 0.1691, -7.5922



125.5350, 1.2152, -110.0942



40.4810, 0.2559, -35.5018

Inverse Universe

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



185.2490, -0.6158, 57.6636



175.3260, -0.6537, 69.8741



191.5800, -19.5129, 52.1113



116.3430, -0.1691, 7.5922



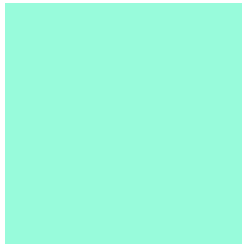
63.4650, -1.2152, 110.0942



20.5190, -0.2559, 35.5018

Previews

White Background



This preview shows how the YUV color 217.7510, 0.6158, -57.6636 looks on a white background.

Color Contrast Check

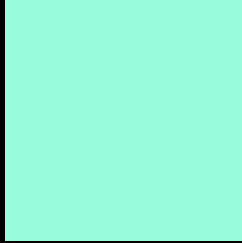
Large Text (above 18pt) WCAG AA × Fail

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 217.7510, 0.6158, -57.6636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

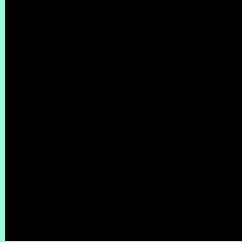
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 217.7510, 0.6158, -57.6636

Background



This preview shows how black text looks on a background with the YUV color 217.7510, 0.6158, -57.6636.



This preview shows how white text looks on a background with the YUV color 217.7510, 0.6158, -57.6636.

-57.6636.

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

217.7510, 0.6158, -57.6636

Protanopia

230.4820, -11.0836, 8.3473

Deuteranopia

232.7960, -3.8434, 19.4729



Tritanopia

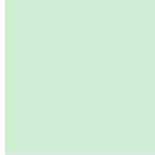
226.1510, 14.2226, -35.2124

Trichromacy



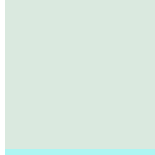
Original Color

217.7510, 0.6158, -57.6636



Protanomaly

226.0660, -6.9345, -15.8439



Deuteranomaly

227.3750, -2.1569, -8.2219



Tritanomaly

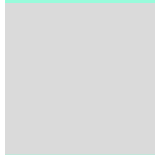
223.4290, 9.1555, -43.3492

Monochromacy



Original Color

217.7510, 0.6158, -57.6636



Achromatopsia

218.0000, 0.0000, 0.0000



Achromatomaly

217.8680, 0.0651, -20.9322

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.7510, 0.6158, -57.6636 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(152, 251, 219)` looks like.

```
.text, #text, p{  
    color:rgb(152, 251, 219)  
}
```

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(152, 251, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 251, 219) }
```

Border

The CSS property to change the border of an element to YUV 217.7510, 0.6158, -57.6636 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(152, 251, 219) }
```


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

```
.border{ border-color:rgb(152, 251, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 251, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 251, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 251, 219);  
box-shadow:4px 4px 4px 4px rgb(152, 251,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 217.7510, 0.6158, -57.6636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 251, 219) }
```

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

```
.background{ background-color: rgb(152,  
251, 219) }
```

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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