

Converting Colors

YUV(215.4380, 12.1091,
-57.3891)

Have a look what the booklet for
YUV(215.4380, 12.1091, -57.3891)
contains.

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Color

**YUV(215.4380, 12.1091,
-57.3891)**

Conversions

Conversions Part 1

Format	Color
Hex	96F4F0
RGB	150, 244, 240
RGB Percent	59%, 96%, 94%
CMY	0.4118, 0.0431, 0.0588
CMYK	0.39, 0.00, 0.02, 0.04
HSL	177°, 81%, 77%
HSV	177°, 39%, 96%
XYZ	60.6565, 77.4767, 94.1956
YIQ	215.4380, -54.7400, -21.1720

Conversions

Conversions Part 2

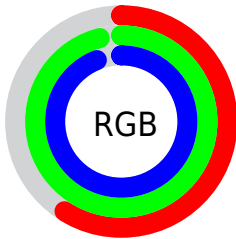
Format	Color
R_{YB}	150, 198, 244
Decimal	9893104
CIE _{Lab}	90.54, -28.75, -6.88
CIE _{LCh}	91, 29.561, 193.456
Yxy	77.4767, 0.2611, 0.3335
Android (android.graphics.Color)	4288083184 (0xFF96F4F0)
YUV	215.4380, 12.1091, -57.3891
Hunter-Lab	88.0208, -31.0293, -1.8347

Details

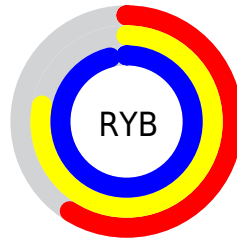
The YUV color **215.4380, 12.1091, -57.3891** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **178.5620, -12.1091, 57.3891**, and the grayscale version is **215.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.9470, 6.9281, -28.8945**, and **158.5520, 12.5459, -57.4891** is the 20% darker color. If you saturate the color by 10%, you get **208.1480, 15.2100, -72.0438**, and if you desaturate by 10%, it is **222.7280, 9.0081, -42.7345**.

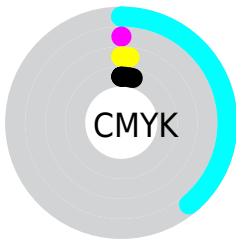
Distribution



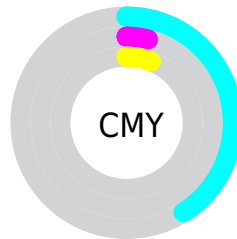
- Red (59%)
- Green (96%)
- Blue (94%)



- Red (59%)
- Yellow (78%)
- Blue (96%)



- Cyan (39%)
- Magenta (0%)
- Yellow (2%)
- Black (4%)



- Cyan (41%)
- Magenta (4%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 215.4380, 12.1091, -57.3891 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 215.4380, 12.1091, -57.3891 by changing the saturation by 10% instead.

215.4380, 12.1091,
-57.3891

215.4380, 12.1091,
-57.3891

255.0000, 0.0000,
0.0000

186.5520, 12.5459,
-57.4891

240.9470, 6.9281,
-28.8945

158.5520, 12.5459,
-57.4891

249.6180, 2.6533,
-11.0660

130.6550, 12.9881,
-59.3334

101.9640, 14.3147,
-64.8664

75.4800, 15.0464,
-66.1960

58.0690, 11.7980,
-50.9265

41.9460, 8.4076,

-36.7866

■ 26.5240, 5.1647,
-23.2615

■ 4.2860, 6.2680,
-3.7588

■ 215.4380, 12.1091,
-57.3891

■ 215.4380, 12.1091,
-57.3891

■ 208.1480, 15.2100,
-72.0438

■ 222.7280, 9.0081,
-42.7345

■ 200.5590, 18.4584,
-87.3132

■ 230.3170, 5.7597,
-27.4650

■ 193.2690, 21.5594,
-101.9679

■ 237.6070, 2.6587,
-12.8103

■ 185.6800, 24.8078,
-117.2374

■ 245.1960, -0.5896,
2.4591

■ 178.3900, 27.9087,
-131.8920

■ 247.4030, -1.1847,
6.6626

■ 171.1000, 31.0097,
-146.5467

■ 247.5170, -0.7479,
6.5626

■ 169.9040, 31.5993,
-149.0058

■ 247.6310, -0.3111,
6.4626

■ 247.7450, 0.1257,
6.3626

■ 247.8590, 0.5625,
6.2627

Harmonies

Analogous

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



218.1230, -3.5116, -40.4499



215.4380, 12.1091, -57.3891



215.0880, 19.6766, -57.9592

Triad

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



215.4380, 12.1091, -57.3891



230.0140, 12.3181, 15.7737



225.8080, -25.5413, 25.6014

Complementary

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



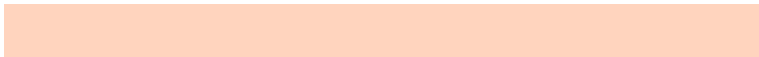
215.4380, 12.1091, -57.3891



178.5620, -12.1091, 57.3891

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.



222.3490, -15.9481, 28.6349



215.4380, 12.1091, -57.3891



226.8580, 8.9440, 24.6805

Square

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



215.4380, 12.1091, -57.3891



224.8210, 14.8782, -12.1210



222.9650, -3.4337, 28.0947



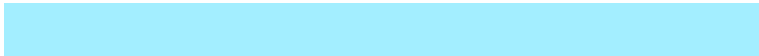
225.2960, -25.7819, 9.3874

Rectangle

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



215.4380, 12.1091, -57.3891



217.5130, 18.4811, -47.8079



222.9650, -3.4337, 28.0947



224.5030, -22.9260, 26.7459

Sweetspot

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



215.4380, 12.1091, -57.3891



245.6170, 4.1328, -18.9581



206.6730, -27.9398, -45.3172



122.5040, 2.2165, -10.9660



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.



215.4380, 12.1091, -57.3891



219.4470, 15.0626, -71.4290



191.2400, 26.0107, -36.1675



118.4120, 1.7689, -7.3773



129.4740, 23.9233, -113.5487



41.0170, 7.3866, -35.9719

Inverse Universe

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



178.5620, -12.1091, 57.3891



173.5530, -15.0626, 71.4290



202.7600, -26.0107, 36.1675



113.7020, -1.3321, 7.2773



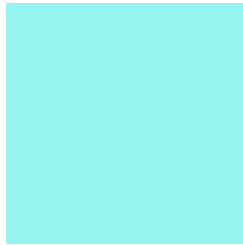
56.5260, -23.9233, 113.5487



17.8690, -7.8234, 36.0719

Previews

White Background



This preview shows how the YUV color 215.4380, 12.1091, -57.3891 looks on a white background.

Color Contrast Check

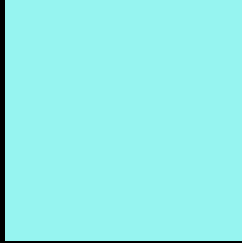
Large Text (above 18pt) WCAG AA × Fail

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 215.4380, 12.1091, -57.3891 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 215.4380, 12.1091, -57.3891 Background



This preview shows how black text looks on a background with the YUV color 215.4380, 12.1091, -57.3891.



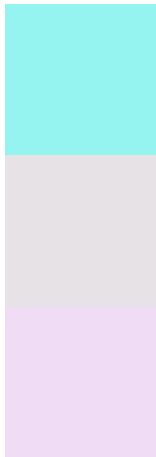
This preview shows how white text looks on a background with the YUV color 215.4380, 12.1091, -57.3891.

-57.3891.

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

215.4380, 12.1091, -57.3891

Protanopia

227.5380, 0.7208, 2.1592

Deuteranopia

228.8300, 7.9718, 9.7961



Tritanopia

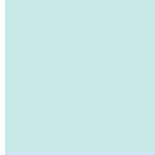
220.1930, 17.1599, -44.0193

Trichromacy



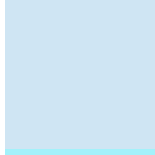
Original Color

215.4380, 12.1091, -57.3891



Protanomaly

223.4320, 4.7170, -19.6729



Deuteranomaly

224.0180, 9.3581, -14.9248



Tritanomaly

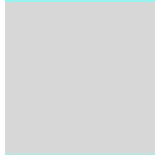
218.7040, 15.4289, -48.8524

Monochromacy



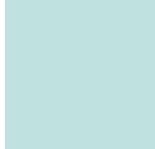
Original Color

215.4380, 12.1091, -57.3891



Achromatopsia

215.0000, 0.0000, 0.0000



Achromatomaly

215.3070, 4.2856, -21.3172

CSS Examples

Text

The CSS property to change the color of the text to YUV 215.4380, 12.1091, -57.3891 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(150, 244, 240)` looks like.

```
.text, #text, p{  
    color:rgb(150, 244, 240)  
}
```

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(150, 244, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 244, 240) }
```

Border

The CSS property to change the border of an element to YUV 215.4380, 12.1091, -57.3891 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(150, 244, 240) }
```


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

```
.border{ border-color:rgb(150, 244, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 244, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 244, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 244, 240);  
box-shadow:4px 4px 4px 4px rgb(150, 244,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 215.4380, 12.1091, -57.3891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 244, 240) }
```

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

```
.background{ background-color: rgb(150,  
244, 240) }
```

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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