

Converting Colors

YUV(209.1250, 6.8404,
-47.4676)

Have a look what the booklet for
YUV(209.1250, 6.8404, -47.4676)
contains.

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Color

**YUV(209.1250, 6.8404,
-47.4676)**

Conversions

Conversions Part 1

Format	Color
Hex	9BEADF
RGB	155, 234, 223
RGB Percent	61%, 92%, 87%
CMY	0.3922, 0.0824, 0.1255
CMYK	0.34, 0.00, 0.05, 0.08
HSL	172°, 65%, 76%
HSV	172°, 34%, 92%
XYZ	56.2597, 71.1419, 80.5786
YIQ	209.1250, -43.5530, -20.1690

Conversions

Conversions Part 2

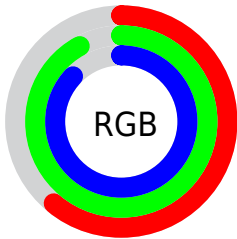
Format	Color
RYB	155, 197, 234
Decimal	10218207
CIELab	87.55, -26.54, -2.36
CIELCh	88, 26.645, 185.089
Yxy	71.1419, 0.2705, 0.3421
Android (android.graphics.Color)	4288408287 (0xFF9BEADF)
YUV	209.1250, 6.8404, -47.4676
Hunter-Lab	84.3457, -28.5431, 2.4000

Details

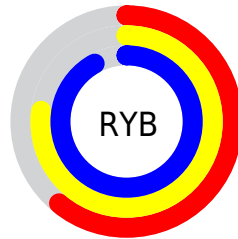
The YUV color **209.1250, 6.8404, -47.4676** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **179.8750, -6.8404, 47.4676**, and the grayscale version is **209.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.1430, 6.3385, -26.4354**, and **153.5380, 7.1298, -46.9528** is the 20% darker color. If you saturate the color by 10%, you get **201.9060, 8.9203, -61.3076**, and if you desaturate by 10%, it is **216.3440, 4.7604, -33.6277**.

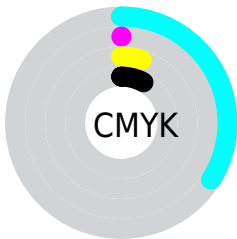
Distribution



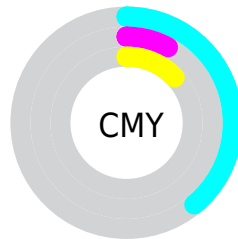
- Red (61%)
- Green (92%)
- Blue (87%)



- Red (61%)
- Yellow (77%)
- Blue (92%)



- Cyan (34%)
- Magenta (0%)
- Yellow (5%)
- Black (8%)



- Cyan (39%)
- Magenta (8%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 209.1250, 6.8404, -47.4676 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 209.1250, 6.8404, -47.4676 by changing the saturation by 10% instead.

■ 209.1250, 6.8404,
-47.4676

■ 209.1250, 6.8404,
-47.4676

■ 255.0000, 0.0000,
0.0000

■ 181.1250, 6.8404,
-47.4676

■ 242.1430, 6.3385,
-26.4354

■ 153.5380, 7.1298,
-46.9528

■ 250.8140, 2.0637,
-8.6069

■ 126.6520, 7.5666,
-47.0528

■ 99.7550, 8.0088,
-48.8971

■ 70.2700, 10.2199,
-58.1188

■ 51.7770, 7.9979,
-45.4084

■ 35.7680, 5.0444,

-31.3685

■ 21.6340, 1.6594,
-18.9730

■ 0.0000, 0.0000,
0.0000

■ 209.1250, 6.8404,
-47.4676

■ 209.1250, 6.8404,
-47.4676

■ 201.9060, 8.9203,
-61.3076

■ 216.3440, 4.7604,
-33.6277

■ 194.2740, 10.7109,
-75.6623

■ 223.9760, 2.9698,
-19.2730

■ 187.0550, 12.7909,
-89.5022

■ 231.1950, 0.8899,
-5.4330

■ 179.5370, 15.0183,
-103.9569

■ 238.7130, -1.3375,
9.0217

■ 172.3180, 17.0982,
-117.7969

■ 240.8490, -0.9116,
12.4104

■ 164.9850, 18.7414,
-131.5368

■ 241.3050, 0.8356,
12.0105

■ 160.2720, 20.0789,
-140.5585

■ 241.6470, 2.1460,
11.7106

■ 241.9890, 3.4564,
11.4106

■ 242.3310, 4.7668,
11.1107

Harmonies

Analogous

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



211.8640, -7.3280, -29.6987



209.1250, 6.8404, -47.4676



209.2950, 19.0816, -53.7557

Triad

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



209.1250, 6.8404, -47.4676



221.9850, 16.2764, 6.1522



219.9380, -22.6474, 30.7494

Complementary

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



209.1250, 6.8404, -47.4676



179.8750, -6.8404, 47.4676

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.



217.7670, -13.1961, 32.6533



209.1250, 6.8404, -47.4676



223.4670, 8.6438, 27.6544

Square

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



209.1250, 6.8404, -47.4676



216.5150, 18.9731, -18.8687



218.8560, -1.4080, 31.6983



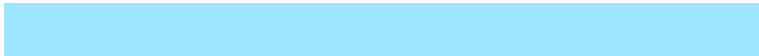
217.7850, -24.0510, 14.2206

Rectangle

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



209.1250, 6.8404, -47.4676



210.7240, 21.8281, -47.9929



218.8560, -1.4080, 31.6983



218.7470, -19.5953, 31.7939

Sweetspot

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



209.1250, 6.8404, -47.4676



247.0690, 1.9380, -14.9695



204.9610, -24.6308, -33.2918



122.8740, 1.0481, -9.5365



0.0000, 0.0000, 0.0000



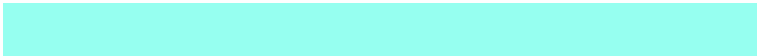
128.0000, 0.0000, 0.0000

Same Dimension

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



209.1250, 6.8404, -47.4676



221.8950, 8.9258, -63.0519



193.9430, 19.7481, -34.1530



113.5970, 1.1847, -6.6626



124.0310, 15.7607, -108.7752



36.9420, 4.4656, -32.3981

Inverse Universe

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



179.8750, -6.8404, 47.4676



183.1050, -8.9258, 63.0519



195.0570, -19.7481, 34.1530



109.4030, -1.1847, 6.6626



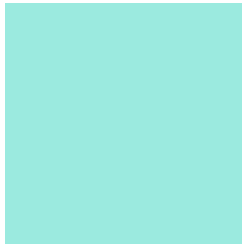
56.9690, -15.7607, 108.7752



16.9440, -4.9024, 32.4981

Previews

White Background



This preview shows how the YUV color 209.1250, 6.8404, -47.4676 looks on a white background.

Color Contrast Check

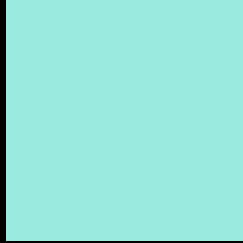
Large Text (above 18pt) WCAG AA × Fail

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 209.1250, 6.8404, -47.4676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

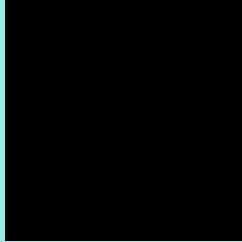
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

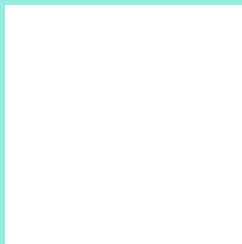
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 209.1250, 6.8404, -47.4676

Background



This preview shows how black text looks on a background with the YUV color 209.1250, 6.8404, -47.4676.



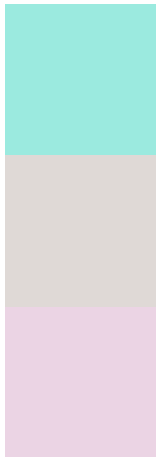
This preview shows how white text looks on a background with the YUV color 209.1250, 6.8404,

-47.4676.

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

209.1250, 6.8404, -47.4676

Protanopia

218.4520, -2.1948, 3.9886

Deuteranopia

220.7010, 3.5984, 12.5402



Tritanopia

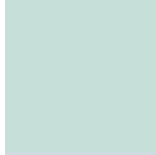
211.5350, 18.4702, -44.3192

Trichromacy



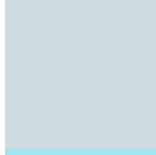
Original Color

209.1250, 6.8404, -47.4676



Protanomaly

214.8410, 1.0644, -14.7696



Deuteranomaly

216.4980, 4.6845, -9.2067



Tritanomaly

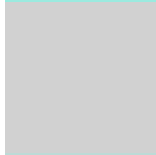
210.4980, 14.5445, -45.1637

Monochromacy



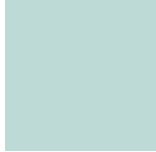
Original Color

209.1250, 6.8404, -47.4676



Achromatopsia

209.0000, 0.0000, 0.0000



Achromatomaly

208.8730, 2.5276, -17.4286

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.1250, 6.8404, -47.4676 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(155, 234, 223)` looks like.

```
.text, #text, p{  
    color:rgb(155, 234, 223)  
}
```

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(155, 234, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 234, 223) }
```

Border

The CSS property to change the border of an element to YUV 209.1250, 6.8404, -47.4676 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(155, 234, 223) }
```


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

```
.border{ border-color:rgb(155, 234, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 234, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 234, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 234, 223);  
box-shadow:4px 4px 4px 4px rgb(155, 234,  
223) }
```

Background

The CSS property to change the background color of an element to YUV 209.1250, 6.8404, -47.4676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 234, 223) }
```

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

```
.background{ background-color: rgb(155,  
234, 223) }
```

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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