

Converting Colors

YUV(214.6680, 6.5727,
-54.9598)

Have a look what the booklet for
YUV(214.6680, 6.5727, -54.9598)
contains.

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Color

**YUV(214.6680, 6.5727,
-54.9598)**

Conversions

Conversions Part 1

Format	Color
Hex	98F4E4
RGB	152, 244, 228
RGB Percent	60%, 96%, 89%
CMY	0.4039, 0.0431, 0.1059
CMYK	0.38, 0.00, 0.07, 0.04
HSL	170°, 81%, 78%
HSV	170°, 38%, 96%
XYZ	59.3032, 76.9782, 85.1315
YIQ	214.6680, -49.6960, -24.4800

Conversions

Conversions Part 2

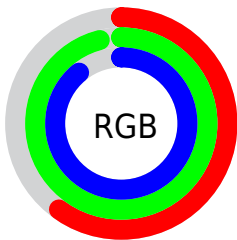
Format	Color
R _Y B	152, 202, 244
Decimal	10024164
CIE Lab	90.31, -30.99, -0.95
CIE LCh	90, 31.003, 181.763
Yxy	76.9782, 0.2678, 0.3477
Android (android.graphics.Color)	4288214244 (0xFF98F4E4)
YUV	214.6680, 6.5727, -54.9598
Hunter-Lab	87.7372, -32.8888, 3.8869

Details

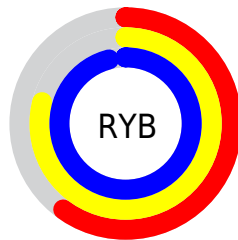
The YUV color **214.6680, 6.5727, -54.9598** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **181.3320, -6.5727, 54.9598**, and the grayscale version is **215.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.2460, 6.7807, -28.2797**, and **158.1950, 7.2989, -54.5450** is the 20% darker color. If you saturate the color by 10%, you get **207.0360, 8.3633, -69.3146**, and if you desaturate by 10%, it is **222.3000, 4.7821, -40.6051**.

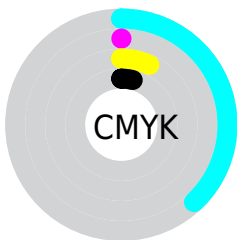
Distribution



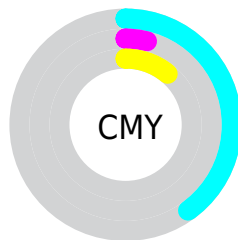
- Red (60%)
- Green (96%)
- Blue (89%)



- Red (60%)
- Yellow (79%)
- Blue (96%)



- Cyan (38%)
- Magenta (0%)
- Yellow (7%)
- Black (4%)



- Cyan (40%)
- Magenta (4%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.6680, 6.5727, -54.9598 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 214.6680, 6.5727, -54.9598 by changing the saturation by 10% instead.

214.6680, 6.5727,
-54.9598

214.6680, 6.5727,
-54.9598

255.0000, 0.0000,
0.0000

186.0810, 6.8621,
-54.4450

241.2460, 6.7807,
-28.2797

158.1950, 7.2989,
-54.5450

250.2160, 2.3585,
-9.8364

130.5970, 7.5937,
-55.7746

102.8030, 8.4781,
-59.4632

74.3400, 10.6784,
-65.1962

56.9290, 7.4300,
-49.9267

40.3330, 4.7658,

-35.3720

■ 25.6120, 1.6703,
-22.4617

■ 1.5160, 0.7316,
-1.3295

■ 214.6680, 6.5727,
-54.9598

■ 214.6680, 6.5727,
-54.9598

■ 207.0360, 8.3633,
-69.3146

■ 222.3000, 4.7821,
-40.6051

■ 199.1050, 10.3012,
-84.2841

■ 230.2310, 2.8441,
-25.6356

■ 191.3590, 11.6550,
-98.5388

■ 237.9770, 1.4903,
-11.3808

■ 183.4280, 13.5930,
-113.5084

■ 245.9080, -0.4476,
3.5887

■ 175.7960, 15.3836,
-127.8631

■ 247.8590, 0.5625,
6.2627

■ 168.1640, 17.1741,
-142.2178

■ 248.3150, 2.3097,
5.8627

■ 166.2560, 17.6218,
-145.8065

■ 248.5430, 3.1833,
5.6628

Harmonies

Analogous

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



218.1580, -9.9379, -32.5876



214.6680, 6.5727, -54.9598



213.5710, 20.4245, -64.5218

Triad

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



214.6680, 6.5727, -54.9598



227.5890, 13.5136, 5.6224



223.1010, -23.2208, 27.9754

Complementary

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



214.6680, 6.5727, -54.9598



181.3320, -6.5727, 54.9598

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.



220.7990, -11.7329, 29.9943



214.6680, 6.5727, -54.9598



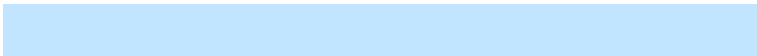
228.5850, 13.0226, 23.1660

Square

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



214.6680, 6.5727, -54.9598



221.2000, 16.6634, -24.7314



223.0450, 1.9498, 28.0245



225.6670, -28.4298, 18.7090

Rectangle

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



214.6680, 6.5727, -54.9598



214.2020, 20.1134, -58.0592



223.0450, 1.9498, 28.0245



222.0240, -19.7318, 28.9200

Sweetspot

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



214.6680, 6.5727, -54.9598



246.0580, 1.9434, -16.7139



211.0870, -29.1299, -36.9103



122.5750, 1.1955, -10.1513



0.0000, 0.0000, 0.0000



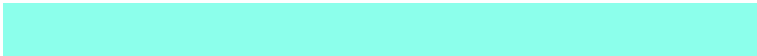
128.0000, 0.0000, 0.0000

Same Dimension

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



214.6680, 6.5727, -54.9598



218.3350, 8.2158, -68.6998



199.4690, 21.9538, -41.6303



118.1840, 0.8953, -7.1774



126.7380, 13.4402, -111.1492



40.1050, 3.8922, -35.1721

Inverse Universe

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



181.3320, -6.5727, 54.9598



176.6650, -8.2158, 68.6998



196.5310, -21.9538, 41.6303



113.8160, -0.8953, 7.1774



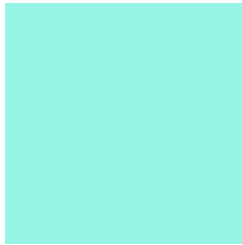
59.2620, -13.4402, 111.1492



18.7810, -4.3290, 35.2721

Previews

White Background



This preview shows how the YUV color 214.6680, 6.5727, -54.9598 looks on a white background.

Color Contrast Check

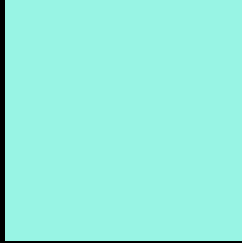
Large Text (above 18pt) WCAG AA × Fail

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 214.6680, 6.5727, -54.9598 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 214.6680, 6.5727, -54.9598 Background



This preview shows how black text looks on a background with the YUV color 214.6680, 6.5727, -54.9598.



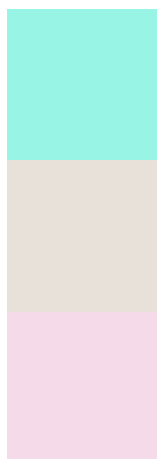
This preview shows how white text looks on a background with the YUV color 214.6680, 6.5727, -54.9598.

-54.9598.

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

214.6680, 6.5727, -54.9598

Protanopia

226.1810, -4.5262, 5.1033

Deuteranopia

228.3700, 2.2826, 14.5845



Tritanopia

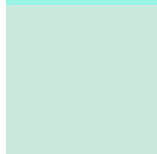
219.6060, 17.4492, -43.5045

Trichromacy



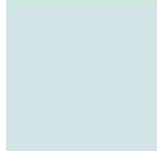
Original Color

214.6680, 6.5727, -54.9598



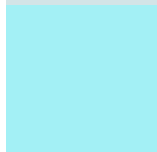
Protanomaly

222.0750, -0.5300, -16.7288



Deuteranomaly

223.2590, 3.8163, -10.7511



Tritanomaly

217.5470, 13.5343, -47.8377

Monochromacy



Original Color

214.6680, 6.5727, -54.9598



Achromatopsia

215.0000, 0.0000, 0.0000



Achromatomaly

215.1500, 2.3910, -20.3026

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.6680, 6.5727, -54.9598 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, 244, 228)` looks like.

```
.text, #text, p{  
    color:rgb(152, 244, 228)  
}
```

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, 244, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 244, 228) }
```

Border

The CSS property to change the border of an element to YUV 214.6680, 6.5727, -54.9598 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, 244, 228) }
```


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

```
.border{ border-color:rgb(152, 244, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 244, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 244, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 244, 228);  
box-shadow:4px 4px 4px 4px rgb(152, 244,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 214.6680, 6.5727, -54.9598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 244, 228) }
```

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

```
.background{ background-color: rgb(152,  
244, 228) }
```

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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