

Converting Colors

YUV(135.1140, 6.8458,
-49.2120)

Have a look what the booklet for
YUV(135.1140, 6.8458, -49.2120)
contains.

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Color

**YUV(135.1140, 6.8458,
-49.2120)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 4FA195 |
| RGB | 79, 161, 149 |
| RGB Percent | 31%, 63%, 58% |
| CMY | 0.6902, 0.3686, 0.4157 |
| CMYK | 0.51, 0.00, 0.07, 0.37 |
| HSL | 171°, 34%, 47% |
| HSV | 171°, 51%, 63% |
| XYZ | 21.3941, 29.3219, 32.9659 |
| YIQ | 135.1140, -45.0200, -21.1160 |

Conversions

Conversions Part 2

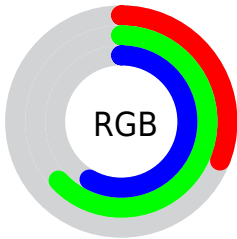
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 79, 123, 161 |
| Decimal | 5218709 |
| CIE Lab | 61.06, -28.02, -1.43 |
| CIE LCh | 61, 28.061, 182.914 |
| Yxy | 29.3219, 0.2557, 0.3504 |
| Android (android.graphics.Color) | 4283408789 (0xFF4FA195) |
| YUV | 135.1140, 6.8458, -49.2120 |
| Hunter-Lab | 54.1497, -24.2381, 1.8096 |

Details

The YUV color **135.1140, 6.8458, -49.2120** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **104.8860, -6.8458, 49.2120**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.0000, 6.4090, -49.1120**, and **79.6400, 9.0515, -56.6893** is the 20% darker color. If you saturate the color by 10%, you get **130.1020, 8.3307, -58.8485**, and if you desaturate by 10%, it is **140.1260, 5.3609, -39.5755**.

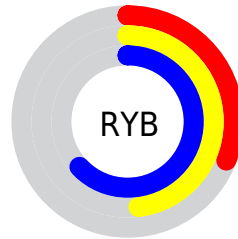
Distribution



Red (31%)

Green (63%)

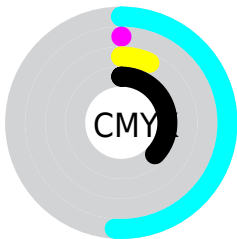
Blue (58%)



Red (31%)

Yellow (48%)

Blue (63%)

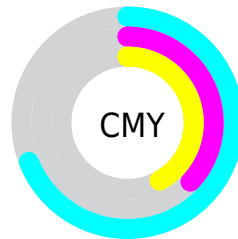


Cyan (51%)

Magenta (0%)

Yellow (7%)

Black (37%)



Cyan (69%)


Magenta (37%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.1140, 6.8458, -49.2120 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 135.1140, 6.8458, -49.2120 by changing the saturation by 10% instead.

 135.1140, 6.8458,
-49.2120

 135.1140, 6.8458,
-49.2120

255.0000, 0.0000,
0.0000

 108.2170, 7.2880,
-51.0563

 190.0000, 6.4090,
-49.1120


 79.6400, 9.0515,
-56.6893

 218.5870, 6.1196,
-49.6268


 57.8580, 8.4510,
-50.7415


 235.5650, 9.5815,
-39.9605

 41.7350, 5.0606,
-36.6016

 244.2360, 5.3067,
-22.1320

 25.8400, 2.5439,
-22.6617

 253.2060, 0.8844,
-3.6887

 5.4940, 0.7425,
-4.8182

 0.0000, 0.0000,

0.0000

■ 135.1140, 6.8458,
-49.2120

■ 135.1140, 6.8458,
-49.2120

■ 130.1020, 8.3307,
-58.8485

■ 140.1260, 5.3609,
-39.5755

■ 124.9760, 9.3788,
-68.3850

■ 145.2520, 4.3128,
-30.0390

■ 119.9640, 10.8637,
-78.0214

■ 150.2640, 2.8278,
-20.4025

■ 114.9520, 12.3487,
-87.6579

■ 155.2760, 1.3429,
-10.7661

■ 110.1250, 13.2494,
-96.5796

■ 160.7010, 0.1474,
-0.6148

■ 165.7130, -1.3375,
9.0217

■ 170.7250, -2.8224,
18.6582

■ 175.8510, -3.8705,
28.1947

■ 180.8630, -5.3555,
37.8311

Harmonies

Analogous

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



139.4620, -7.6228, -28.4692



135.1140, 6.8458, -49.2120



133.0770, 19.6820, -59.7035

Triad

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



135.1140, 6.8458, -49.2120



149.7720, 19.3394, 3.7080



147.5790, -21.4844, 31.0642

Complementary

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



135.1140, 6.8458, -49.2120



104.8860, -6.8458, 49.2120

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.



149.1100, -13.3652, 40.2455



135.1140, 6.8458, -49.2120



150.9830, 9.3754, 26.3249

Square

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



135.1140, 6.8458, -49.2120



145.0890, 25.0991, -23.7571



150.6720, -2.3033, 38.8757



145.8990, -23.6142, 14.1206

Rectangle

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



135.1140, 6.8458, -49.2120



135.7770, 24.7599, -55.0554



150.6720, -2.3033, 38.8757



148.1820, -19.3167, 35.7974

Sweetspot

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



135.1140, 6.8458, -49.2120



199.2750, 2.8224, -18.6582



130.7220, -25.4989, -34.8362



98.9770, 1.4903, -11.3808



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



135.1140, 6.8458, -49.2120



168.8610, 10.4215, -76.1771



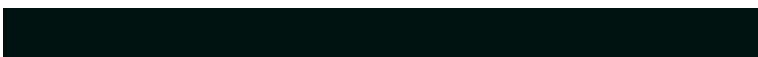
119.4590, 20.4797, -35.4825



79.0810, 0.4531, -5.3330



99.2510, 12.2013, -87.0431



12.2760, 1.3429, -10.7661

Inverse Universe

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



104.8860, -6.8458, 49.2120



122.0250, -10.8583, 76.2771



120.5410, -20.4797, 35.4825



75.9190, -0.4531, 5.3330



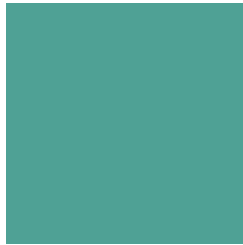
45.7490, -12.2013, 87.0431



5.7240, -1.3429, 10.7661

Previews

White Background



This preview shows how the YUV color 135.1140, 6.8458, -49.2120 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 135.1140, 6.8458, -49.2120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

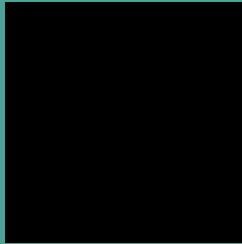
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 135.1140, 6.8458, -49.2120 Background



This preview shows how black text looks on a background with the YUV color 135.1140, 6.8458, -49.2120.

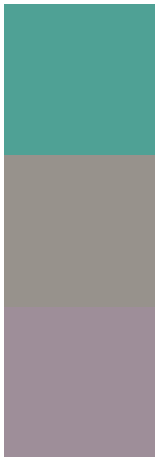


This preview shows how white text looks on a background with the YUV color 135.1140, 6.8458,

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

135.1140, 6.8458, -49.2120

Protanopia

146.8110, -3.3578, 3.6738

Deuteranopia

148.0380, 2.4463, 8.7367



Tritanopia

137.9540, 16.2917, -45.5637

Trichromacy



Original Color

135.1140, 6.8458, -49.2120

Protanomaly

142.3140, 0.3382, -15.1844

Deuteranomaly

143.3620, 4.2585, -12.5955

Tritanomaly

136.7320, 12.9501, -47.1230

Monochromacy



Original Color

135.1140, 6.8458, -49.2120

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

134.8730, 2.5276, -17.4286

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.1140, 6.8458, -49.2120 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(79, 161, 149)` looks like.

```
.text, #text, p{  
    color:rgb(79, 161, 149)  
}
```

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(79, 161, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 161, 149) }
```

Border

The CSS property to change the border of an element to YUV 135.1140, 6.8458, -49.2120 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(79, 161, 149) }
```


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

```
.border{ border-color:rgb(79, 161, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 161, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 161, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 161, 149);  
box-shadow:4px 4px 4px 4px rgb(79, 161,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 135.1140, 6.8458, -49.2120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 161, 149) }
```

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

```
.background{ background-color: rgb(79, 161,  
149) }
```

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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