

Converting Colors

YUV(129.4020, 6.7038,
-50.3416)

Have a look what the booklet for
YUV(129.4020, 6.7038, -50.3416)
contains.

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Color

**YUV(129.4020, 6.7038,
-50.3416)**

Conversions

Conversions Part 1

Format	Color
Hex	489C8F
RGB	72, 156, 143
RGB Percent	28%, 61%, 56%
CMY	0.7176, 0.3882, 0.4392
CMYK	0.54, 0.00, 0.08, 0.39
HSL	171°, 37%, 45%
HSV	171°, 54%, 61%
XYZ	19.5189, 27.1378, 30.1960
YIQ	129.4020, -45.8910, -21.8510

Conversions

Conversions Part 2

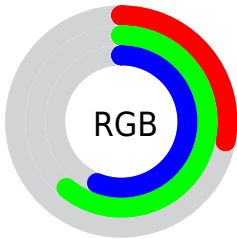
Format	Color
RYB	72, 118, 156
Decimal	4758671
CIELab	59.10, -28.72, -0.94
CIElCh	59, 28.738, 181.872
Yxy	27.1378, 0.2540, 0.3531
Android (android.graphics.Color)	4282948751 (0xFF489C8F)
YUV	129.4020, 6.7038, -50.3416
Hunter-Lab	52.0940, -24.2830, 2.0987

Details

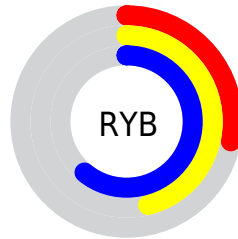
The YUV color **129.4020, 6.7038, -50.3416** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **98.5980, -6.7038, 50.3416**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.2880, 6.2670, -50.2416**, and **71.6500, 10.5256, -62.8370** is the 20% darker color. If you saturate the color by 10%, you get **124.3900, 8.1887, -59.9780**, and if you desaturate by 10%, it is **134.4140, 5.2189, -40.7051**.

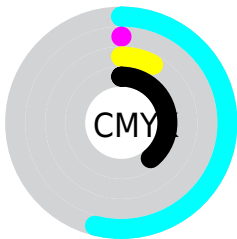
Distribution



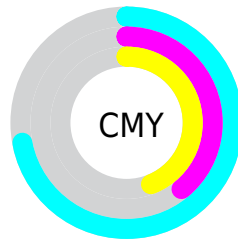
- Red (28%)
- Green (61%)
- Blue (56%)



- Red (28%)
- Yellow (46%)
- Blue (61%)



- Cyan (54%)
- Magenta (0%)
- Yellow (8%)
- Black (39%)



- Cyan (72%)
- Magenta (39%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.4020, 6.7038, -50.3416 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 129.4020, 6.7038, -50.3416 by changing the saturation by 10% instead.

■ 129.4020, 6.7038,
-50.3416

■ 129.4020, 6.7038,
-50.3416

■ 255.0000, 0.0000,
0.0000

■ 102.5050, 7.1460,
-52.1859

■ 184.2880, 6.2670,
-50.2416

■ 71.6500, 10.5256,
-62.8370

■ 212.2880, 6.2670,
-50.2416

■ 54.8260, 6.9878,
-48.0824

■ 233.5430, 9.5923,
-43.4492

■ 38.2300, 4.3236,
-33.5277

■ 242.1430, 6.3385,
-26.4354

■ 23.5090, 1.2281,
-20.6174

■ 251.1130, 1.9163,
-7.9921

■ 0.0000, 0.0000,
0.0000

■ 129.4020, 6.7038,
-50.3416

■ 129.4020, 6.7038,
-50.3416

■ 124.3900, 8.1887,
-59.9780

■ 134.4140, 5.2189,
-40.7051

■ 119.5630, 9.0894,
-68.8998

■ 139.2410, 4.3182,
-31.7834

■ 114.5510, 10.5744,
-78.5362

■ 144.2530, 2.8333,
-22.1469

■ 109.7240, 11.4751,
-87.4579

■ 149.0800, 1.9326,
-13.2252

■ 106.6200, 12.5123,
-93.5057

■ 154.0920, 0.4476,
-3.5887

■ 159.1040, -1.0373,
6.0478

■ 163.9310, -1.9380,
14.9695

■ 168.9430, -3.4229,

24.6060

■ 173.7700, -4.3236,
33.5277

Harmonies

Analogous

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



134.3480, -8.0596, -28.3692



129.4020, 6.7038, -50.3416



126.5820, 20.4191, -62.7774

Triad

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



129.4020, 6.7038, -50.3416



144.5870, 19.9236, 2.9932



142.7640, -22.0687, 31.7790

Complementary

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



129.4020, 6.7038, -50.3416



98.5980, -6.7038, 50.3416

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.



143.8220, -13.2232, 41.3751



129.4020, 6.7038, -50.3416



146.0970, 9.8122, 26.2249

Square

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



129.4020, 6.7038, -50.3416



139.3060, 25.9781, -25.7014



145.1990, -1.5771, 39.2905



140.4970, -23.9090, 15.3501

Rectangle

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



129.4020, 6.7038, -50.3416



129.2820, 25.4970, -58.1293



145.1990, -1.5771, 39.2905



143.1820, -19.3167, 35.7974

Sweetspot

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



129.4020, 6.7038, -50.3416



193.5630, 2.6804, -19.7878



125.4940, -26.3725, -34.6362



95.9770, 1.4903, -11.3808



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



129.4020, 6.7038, -50.3416



161.8390, 10.4324, -79.6658



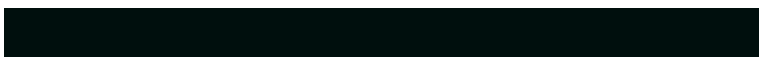
114.4480, 20.4851, -37.2269



76.4940, 0.7425, -4.8182



97.7350, 11.4696, -85.7136



10.2870, 1.3375, -9.0217

Inverse Universe

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



98.5980, -6.7038, 50.3416



113.1610, -10.4324, 79.6658



113.5520, -20.4851, 37.2269



73.5060, -0.7425, 4.8182



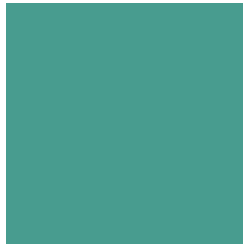
45.2650, -11.4696, 85.7136



4.7130, -1.3375, 9.0217

Previews

White Background



This preview shows how the YUV color 129.4020, 6.7038, -50.3416 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 129.4020, 6.7038, -50.3416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

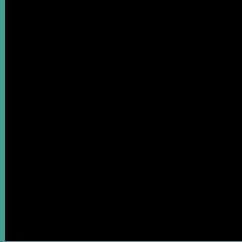
Any Text WCAG AA ✓ Pass

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 129.4020, 6.7038, -50.3416 Background



This preview shows how black text looks on a background with the YUV color 129.4020, 6.7038, -50.3416.

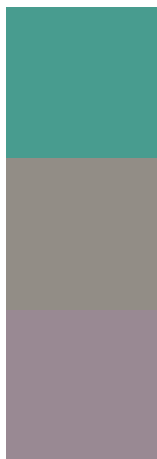


This preview shows how white text looks on a background with the YUV color 129.4020, 6.7038,

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

129.4020, 6.7038, -50.3416

Protanopia

141.6970, -3.7946, 3.7737

Deuteranopia

142.9240, 2.0095, 8.8367



Tritanopia

132.5410, 16.0023, -46.0785

Trichromacy



Original Color

129.4020, 6.7038, -50.3416

Protanomaly

136.9010, 0.0488, -15.6992

Deuteranomaly

138.2480, 3.8217, -12.4955

Tritanomaly

131.3190, 12.6607, -47.6378

Monochromacy



Original Color

129.4020, 6.7038, -50.3416

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.1610, 2.3856, -18.5582

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.4020, 6.7038, -50.3416 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(72, 156, 143)` looks like.

```
.text, #text, p{  
    color:rgb(72, 156, 143)  
}
```

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(72, 156, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 156, 143) }
```

Border

The CSS property to change the border of an element to YUV 129.4020, 6.7038, -50.3416 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(72, 156, 143) }
```


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

```
.border{ border-color:rgb(72, 156, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 156, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 156, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 156, 143);  
box-shadow:4px 4px 4px 4px rgb(72, 156,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 129.4020, 6.7038, -50.3416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 156, 143) }
```

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

```
.background{ background-color: rgb(72, 156,  
143) }
```

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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