

Converting Colors

YUV(127.9040, 18.7813,
-50.7818)

Have a look what the booklet for
YUV(127.9040, 18.7813, -50.7818)
contains.

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Color

**YUV(127.9040, 18.7813,
-50.7818)**

Conversions

Conversions Part 1

Format	Color
Hex	4696A6
RGB	70, 150, 166
RGB Percent	27%, 59%, 65%
CMY	0.7255, 0.4118, 0.3490
CMYK	0.58, 0.10, 0.00, 0.35
HSL	190°, 41%, 46%
HSV	190°, 58%, 65%
XYZ	20.3151, 25.8680, 39.9987
YIQ	127.9040, -52.8160, -11.9840

Conversions

Conversions Part 2

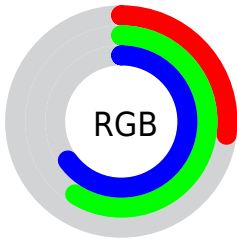
Format	Color
R_{YB}	70, 114, 166
Decimal	4626086
CIE _{Lab}	57.91, -19.64, -15.80
CIE _{LCh}	58, 25.206, 218.830
Yxy	25.8680, 0.2357, 0.3002
Android (android.graphics.Color)	4282816166 (0xFF4696A6)
YUV	127.9040, 18.7813, -50.7818
Hunter-Lab	50.8606, -17.7083, -11.0255

Details

The YUV color **127.9040, 18.7813, -50.7818** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **108.0960, -18.7813, 50.7818**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.9150, 18.7759, -49.0375**, and **71.1090, 21.1453, -62.3626** is the 20% darker color. If you saturate the color by 10%, you get **121.0600, 22.1554, -59.6886**, and if you desaturate by 10%, it is **134.7480, 15.4072, -41.8750**.

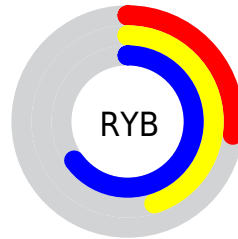
Distribution



Red (27%)

Green (59%)

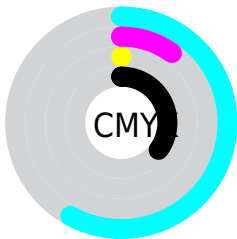
Blue (65%)



Red (27%)

Yellow (45%)

Blue (65%)

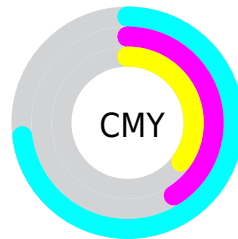


Cyan (58%)

Magenta (10%)

Yellow (0%)

Black (35%)



Cyan (73%)

Magenta (41%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.9040, 18.7813, -50.7818 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 127.9040, 18.7813, -50.7818 by changing the saturation by 10% instead.

127.9040, 18.7813,
-50.7818

127.9040, 18.7813,
-50.7818

255.0000, 0.0000,
0.0000

100.1100, 19.6658,
-54.4705

182.9150, 18.7759,
-49.0375

71.1090, 21.1453,
-62.3626

211.6160, 18.9233,
-49.6522

54.2850, 17.6075,
-47.6079

233.7710, 10.4659,
-43.6492

38.0480, 13.7803,
-33.3681

242.1430, 6.3385,
-26.4354

23.2130, 10.2480,
-20.3578

251.1130, 1.9163,
-7.9921

3.3230, 10.1938,
-2.9143

0.0000, 0.0000,

0.0000

■ 127.9040, 18.7813,
-50.7818

■ 127.9040, 18.7813,
-50.7818

■ 121.0600, 22.1554,
-59.6886

■ 134.7480, 15.4072,
-41.8750

■ 114.5150, 25.3821,
-67.9807

■ 141.2930, 12.1806,
-33.5830

■ 108.2580, 28.4668,
-77.4023

■ 147.5500, 9.0959,
-24.1613

■ 101.7130, 31.6935,
-85.6943

■ 154.0950, 5.8692,
-15.8693

■ 99.9300, 32.5725,
-87.6386

■ 160.9390, 2.4951,
-6.9625

■ 167.7830, -0.8790,
1.9443

■ 173.7410, -3.8163,
10.7511

■ 180.5850, -7.1904,
19.6580

■ 187.1300,
-10.4171, 27.9500

Harmonies

Analogous

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



127.8910, 8.4347, -45.5084



127.9040, 18.7813, -50.7818



132.8330, 23.2533, -38.4415

Triad

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



127.9040, 18.7813, -50.7818



142.8860, 6.4652, 26.4100



137.2620, -20.8352, 9.4172

Complementary

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



127.9040, 18.7813, -50.7818



108.0960, -18.7813, 50.7818

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.



139.0020, -19.7210, 25.4312



127.9040, 18.7813, -50.7818



142.0800, -4.4764, 35.8868

Square

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



127.9040, 18.7813, -50.7818



141.8820, 15.8342, 7.9965



140.9630, -13.7858, 35.1124



134.6340, -15.1026, -9.3260

Rectangle

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



127.9040, 18.7813, -50.7818



136.2200, 23.0625, -23.8719



140.9630, -13.7858, 35.1124



137.8930, -21.1462, 15.8798

Sweetspot

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



127.9040, 18.7813, -50.7818



202.4150, 7.1904, -19.6580



128.1760, -20.7928, -51.0204



101.0740, 4.4005, -11.4659



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



127.9040, 18.7813, -50.7818



157.4750, 29.3458, -79.3466



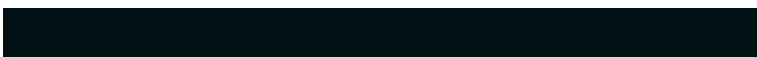
99.7280, 32.6721, -26.0715



81.0210, 1.4686, -4.4034



89.0730, 29.0510, -78.1170



12.2590, 3.8163, -10.7511

Inverse Universe

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



107.8240, 20.7928, 51.0204



126.1000, 32.4887, 79.7193



136.2720, -32.6721, 26.0715



79.1900, 1.8783, 4.2184



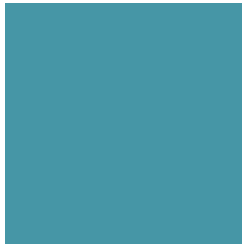
58.2740, 31.9099, 78.6897



7.9180, 4.4774, 10.5959

Previews

White Background



This preview shows how the YUV color 127.9040, 18.7813, -50.7818 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 127.9040, 18.7813, -50.7818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

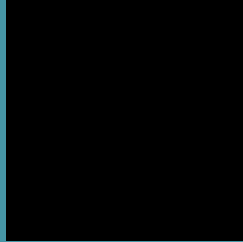
Any Text WCAG AA ✓ Pass

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 127.9040, 18.7813, -50.7818 Background



This preview shows how black text looks on a background with the YUV color 127.9040, 18.7813, -50.7818.



This preview shows how white text looks on a background with the YUV color 127.9040, 18.7813, -50.7818.

-50.7818.

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

127.9040, 18.7813, -50.7818

Protanopia

138.7960, 9.4676, -3.3291

Deuteranopia

139.1750, 14.7037, -2.7845



Tritanopia

127.8500, 17.3290, -51.6114

Trichromacy



Original Color

127.9040, 18.7813, -50.7818

Protanomaly

134.8970, 12.8688, -20.9577

Deuteranomaly

134.8200, 16.3577, -20.0131

Tritanomaly

127.9640, 17.7657, -51.7114

Monochromacy



Original Color

127.9040, 18.7813, -50.7818

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

128.0130, 6.8956, -18.4284

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.9040, 18.7813, -50.7818 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(70, 150, 166)` looks like.

```
.text, #text, p{  
    color:rgb(70, 150, 166)  
}
```

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(70, 150, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 150, 166) }
```

Border

The CSS property to change the border of an element to YUV 127.9040, 18.7813, -50.7818 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(70, 150, 166) }
```


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

```
.border{ border-color:rgb(70, 150, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 150, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 150, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 150, 166);  
box-shadow:4px 4px 4px 4px rgb(70, 150,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 127.9040, 18.7813, -50.7818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 150, 166) }
```

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

```
.background{ background-color: rgb(70, 150,  
166) }
```

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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