

Converting Colors

YUV(118.4020, -6.6072,
-27.5396)

Have a look what the booklet for
YUV(118.4020, -6.6072, -27.5396)
contains.

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Color

**YUV(118.4020, -6.6072,
-27.5396)**

Conversions

Conversions Part 1

Format	Color
Hex	578969
RGB	87, 137, 105
RGB Percent	34%, 54%, 41%
CMY	0.6588, 0.4627, 0.5882
CMYK	0.36, 0.00, 0.23, 0.46
HSL	142°, 22%, 44%
HSV	142°, 36%, 54%
XYZ	15.4259, 20.9375, 16.5929
YIQ	118.4020, -19.5280, -20.5520

Conversions

Conversions Part 2

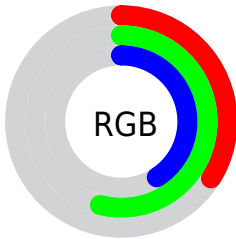
Format	Color
RYB	87, 124, 137
Decimal	5736809
CIELab	52.88, -24.17, 11.93
CIElCh	53, 26.951, 153.721
Yxy	20.9375, 0.2913, 0.3954
Android (android.graphics.Color)	4283926889 (0xFF578969)
YUV	118.4020, -6.6072, -27.5396
Hunter-Lab	45.7575, -19.8990, 10.5301

Details

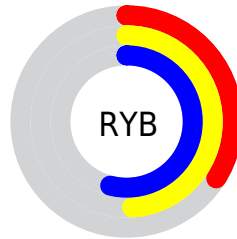
The YUV color **118.4020, -6.6072, -27.5396** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **105.5980, 6.6072, 27.5396**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.4620, -7.6228, -28.4692**, and **69.0430, -5.4442, -27.2247** is the 20% darker color. If you saturate the color by 10%, you get **113.1900, -8.4747, -35.2466**, and if you desaturate by 10%, it is **123.6140, -4.7397, -19.8325**.

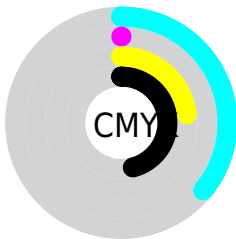
Distribution



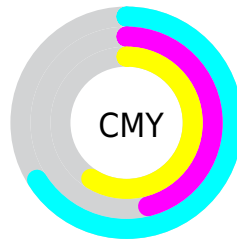
- Red (34%)
- Green (54%)
- Blue (41%)



- Red (34%)
- Yellow (49%)
- Blue (54%)



- Cyan (36%)
- Magenta (0%)
- Yellow (23%)
- Black (46%)



- Cyan (66%)
- Magenta (46%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.4020, -6.6072, -27.5396 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 118.4020, -6.6072, -27.5396 by changing the saturation by 10% instead.

■ 118.4020, -6.6072,
-27.5396

■ 118.4020, -6.6072,
-27.5396

■ 255.0000, 0.0000,
0.0000

■ 92.9290, -5.8810,
-27.1247

■ 171.4620, -7.6228,
-28.4692

■ 69.0430, -5.4442,
-27.2247

■ 198.7500, -7.7648,
-29.5987

■ 44.3740, -4.1284,
-29.2690

■ 226.7500, -7.7648,
-29.5987

■ 25.7770, -5.3131,
-22.6064

■ 243.0100, -1.9769,
-19.3028

■ 10.5660, -5.2090,
-9.2664

■ 253.5050, 0.7370,
-3.0739

■ 0.0000, 0.0000,
0.0000

■ 118.4020, -6.6072,
-27.5396

■ 118.4020, -6.6072,
-27.5396

■ 113.1900, -8.4747,
-35.2466

■ 123.6140, -4.7397,
-19.8325

■ 108.2770,
-10.4896, -42.3389

■ 128.5270, -2.7248,
-12.7402

■ 103.1790,
-11.9202, -50.1460

■ 133.6250, -1.2941,
-4.9331

■ 97.9670, -13.7877,
-57.8531

■ 138.8370, 0.5734,
2.7740

■ 93.0540, -15.8026,
-64.9454

■ 143.7500, 2.5882,
9.8663

■ 87.8420, -17.6701,
-72.6524

■ 148.9620, 4.4557,
17.5733

■ 86.0050, -18.2435,
-75.4264

■ 154.0600, 5.8864,
25.3804

■ 159.2720, 7.7539,

33.0875

■ 164.1850, 9.7688,
40.1798

Harmonies

Analogous

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



122.0750, -17.2920, -7.0818



118.4020, -6.6072, -27.5396



113.8260, 6.9878, -48.0824

Triad

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



118.4020, -6.6072, -27.5396



123.7580, 23.7833, -21.7128



127.6150, -12.6282, 37.1716

Complementary

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



118.4020, -6.6072, -27.5396



105.5980, 6.6072, 27.5396

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.



129.2480, -2.5873, 36.6165



118.4020, -6.6072, -27.5396



128.4300, 18.0290, 4.0079

Square

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



118.4020, -6.6072, -27.5396



116.5330, 24.8802, -46.9484



129.7440, 8.5072, 24.7805



126.4970, -20.4580, 28.5051

Rectangle

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



118.4020, -6.6072, -27.5396



111.7630, 15.8928, -57.6742



129.7440, 8.5072, 24.7805



128.4240, -9.5760, 38.2162

Sweetspot

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



118.4020, -6.6072, -27.5396



171.5380, -2.7302, -10.9958



126.2170, -19.3340, -5.4523



84.9130, -1.4361, -6.0627



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



118.4020, -6.6072, -27.5396



149.5650, -10.6315, -43.4685



121.2520, 4.3128, -30.0390



66.3370, -1.1521, -3.8035



83.5430, -17.5227, -73.2672



3.1630, -0.5734, -2.7740

Inverse Universe

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



105.5980, 6.6072, 27.5396



129.3210, 10.1947, 43.5685



102.8620, -3.8760, 29.9390



64.5490, 0.7153, 3.9035



49.4570, 17.5227, 73.2672



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 118.4020, -6.6072, -27.5396 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 118.4020, -6.6072, -27.5396 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 118.4020, -6.6072, -27.5396

Background



This preview shows how black text looks on a background with the YUV color 118.4020, -6.6072, -27.5396.



This preview shows how white text looks on a background with the YUV color 118.4020, -6.6072, -27.5396.

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

118.4020, -6.6072, -27.5396

Protanopia

124.8410, -12.2466, 8.0324

Deuteranopia

126.3950, -9.0687, 15.4396



Tritanopia

122.1910, 10.2588, -23.8465

Trichromacy



Original Color

118.4020, -6.6072, -27.5396

Protanomaly

122.3340, -10.0247, -4.6779

Deuteranomaly

123.5240, -8.1463, -0.4595

Tritanomaly

120.8720, 4.0071, -25.3207

Monochromacy



Original Color

118.4020, -6.6072, -27.5396

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.2500, -2.5882, -9.8663

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.4020, -6.6072, -27.5396 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(87, 137, 105)` looks like.

```
.text, #text, p{  
    color:rgb(87, 137, 105)  
}
```

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(87, 137, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 137, 105) }
```

Border

The CSS property to change the border of an element to YUV 118.4020, -6.6072, -27.5396 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(87, 137, 105) }
```


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

```
.border{ border-color:rgb(87, 137, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 137, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 137, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 137, 105);  
box-shadow:4px 4px 4px 4px rgb(87, 137,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 118.4020, -6.6072, -27.5396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 137, 105) }
```

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

```
.background{ background-color: rgb(87, 137,  
105) }
```

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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