

Converting Colors

YUV(117.1820, -6.4987,
-62.4266)

Have a look what the booklet for
YUV(117.1820, -6.4987, -62.4266)
contains.

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Color

**YUV(117.1820, -6.4987,
-62.4266)**

Conversions

Conversions Part 1

Format	Color
Hex	2E9C68
RGB	46, 156, 104
RGB Percent	18%, 61%, 41%
CMY	0.8196, 0.3882, 0.5922
CMYK	0.71, 0.00, 0.33, 0.39
HSL	152°, 54%, 40%
HSV	152°, 71%, 61%
XYZ	15.5139, 25.3573, 17.1735
YIQ	117.1820, -48.8680, -39.4920

Conversions

Conversions Part 2

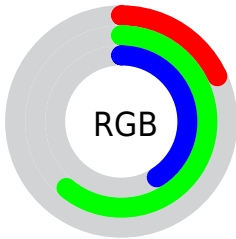
Format	Color
RYB	46, 118, 156
Decimal	3054696
CIELab	57.42, -43.22, 18.53
CIELCh	57, 47.026, 156.794
Yxy	25.3573, 0.2673, 0.4369
Android (android.graphics.Color)	4281244776 (0xFF2E9C68)
YUV	117.1820, -6.4987, -62.4266
Hunter-Lab	50.3560, -33.1300, 15.0288

Details

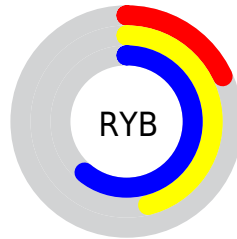
The YUV color **117.1820, -6.4987, -62.4266** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **84.8180, 6.4987, 62.4266**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.2210, -8.9830, -58.9528**, and **67.4320, -5.6360, -59.1379** is the 20% darker color. If you saturate the color by 10%, you get **111.6000, -7.1978, -71.5632**, and if you desaturate by 10%, it is **122.7640, -5.7997, -53.2900**.

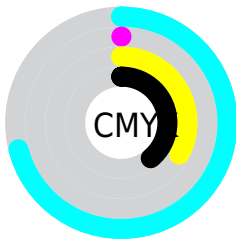
Distribution



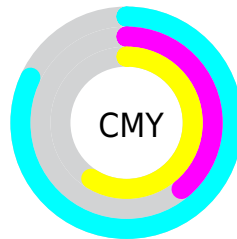
- Red (18%)
- Green (61%)
- Blue (41%)



- Red (18%)
- Yellow (46%)
- Blue (61%)



- Cyan (71%)
- Magenta (0%)
- Yellow (33%)
- Black (39%)



- Cyan (82%)
- Magenta (39%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.1820, -6.4987, -62.4266 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 117.1820, -6.4987, -62.4266 by changing the saturation by 10% instead.

■ 117.1820, -6.4987,
-62.4266

■ 117.1820, -6.4987,
-62.4266

■ 255.0000, 0.0000,
0.0000

■ 84.8430, -2.3876,
-74.4073

■ 173.2210, -8.9830,
-58.9528

■ 67.4320, -5.6360,
-59.1379

■ 201.9930, -9.8565,
-58.7529

■ 50.2490, -8.0108,
-44.0684

■ 222.3620, -6.0945,
-52.0605

■ 33.7670, -10.2381,
-29.6137

■ 234.2250, 1.8611,
-37.0313

■ 19.3710, -9.5499,
-16.9884

■ 244.8340, 5.0118,
-20.9024

■ 0.0000, 0.0000,
0.0000

■ 253.8040, 0.5896,

-2.4591

■ 117.1820, -6.4987,
-62.4266

■ 117.1820, -6.4987,
-62.4266

■ 111.6000, -7.1978,
-71.5632

■ 122.7640, -5.7997,
-53.2900

■ 106.2030, -8.4811,
-79.9850

■ 128.1610, -4.5164,
-44.8682

■ 100.9200, -9.3276,
-88.5068

■ 133.7430, -3.8173,
-35.7316

■ 139.0260, -2.9708,
-27.2098

■ 144.7220, -1.8349,
-18.1732

■ 150.3040, -1.1359,
-9.0366

■ 155.7010, 0.1474,
-0.6148

■ 161.2830, 0.8465,
8.5218

■ 166.5660, 1.6930,
17.0436

Harmonies

Analogous

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



128.5070, -29.3370, -17.1076



117.1820, -6.4987, -62.4266



109.3900, 18.0487, -95.9350

Triad

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



117.1820, -6.4987, -62.4266



130.4790, 43.6409, -44.2701



136.8480, -22.6031, 63.2773

Complementary

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



117.1820, -6.4987, -62.4266



84.8180, 6.4987, 62.4266

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.



138.6800, -4.2792, 66.0556



117.1820, -6.4987, -62.4266



141.2040, 30.9584, 10.3451

Square

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



117.1820, -6.4987, -62.4266



112.9190, 49.3399, -99.0300



141.4940, 14.5465, 47.8018



135.7690, -36.3681, 44.9296

Rectangle

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



117.1820, -6.4987, -62.4266



112.5820, 30.2791, -98.7344



141.4940, 14.5465, 47.8018



137.6510, -17.0829, 66.0811

Sweetspot

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



117.1820, -6.4987, -62.4266



188.8630, -2.3975, -24.4359



126.4170, -39.6456, -24.0447



93.1570, -1.5564, -14.1697



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.



117.1820, -6.4987, -62.4266



142.9250, -10.3160, -98.1582



121.9360, 16.7936, -66.5959



76.1520, -0.5679, -4.5183



92.4910, -8.6231, -81.1146



9.7170, -0.8465, -8.5218

Inverse Universe

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



84.8180, 6.4987, 62.4266



92.0750, 10.3160, 98.1582



80.0640, -16.7936, 66.5959



73.8480, 0.5679, 4.5183



50.5090, 8.6231, 81.1146



5.2830, 0.8465, 8.5218

Previews

White Background



This preview shows how the YUV color 117.1820, -6.4987, -62.4266 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 117.1820, -6.4987, -62.4266 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 117.1820, -6.4987, -62.4266 Background



This preview shows how black text looks on a background with the YUV color 117.1820, -6.4987, -62.4266.



This preview shows how white text looks on a background with the YUV color 117.1820, -6.4987,

-62.4266.

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

117.1820, -6.4987, -62.4266

Protanopia

135.6150, -19.5302, 10.8616

Deuteranopia

136.9780, -13.3002, 19.3133



Tritanopia

126.4480, 17.0341, -50.3819

Trichromacy



Original Color

117.1820, -6.4987, -62.4266

Protanomaly

129.0030, -14.7915, -15.7886

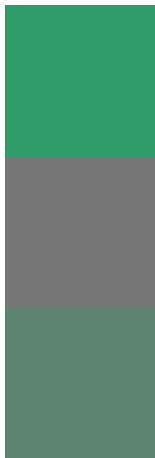
Deuteranomaly

129.7740, -10.7346, -10.3258

Tritanomaly

123.4230, 8.1725, -54.7450

Monochromacy



Original Color

117.1820, -6.4987, -62.4266

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.8740, -2.4029, -22.6915

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.1820, -6.4987, -62.4266 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(46, 156, 104)` looks like.

```
.text, #text, p{  
    color:rgb(46, 156, 104)  
}
```

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(46, 156, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 156, 104) }
```

Border

The CSS property to change the border of an element to YUV 117.1820, -6.4987, -62.4266 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(46, 156, 104) }
```


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

```
.border{ border-color:rgb(46, 156, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 156, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 156, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 156, 104);  
box-shadow:4px 4px 4px 4px rgb(46, 156,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 117.1820, -6.4987, -62.4266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 156, 104) }
```

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

```
.background{ background-color: rgb(46, 156,  
104) }
```

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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