

Converting Colors

YUV(119.2080, -2.5675,
-63.3264)

Have a look what the booklet for
YUV(119.2080, -2.5675, -63.3264)
contains.

YUV(119.2080, -2.5675, -63.3264)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(119.2080, -2.5675,
-63.3264)**

Conversions

Conversions Part 1

Format	Color
Hex	2F9D72
RGB	47, 157, 114
RGB Percent	18%, 62%, 45%
CMY	0.8157, 0.3843, 0.5529
CMYK	0.70, 0.00, 0.27, 0.38
HSL	157°, 54%, 40%
HSV	157°, 70%, 62%
XYZ	16.2665, 25.9332, 20.0679
YIQ	119.2080, -51.7570, -36.6930

Conversions

Conversions Part 2

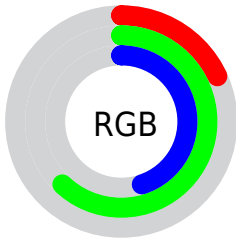
Format	Color
RYB	47, 115, 157
Decimal	3120498
CIELab	57.97, -41.25, 13.72
CIElCh	58, 43.473, 161.599
Yxy	25.9332, 0.2612, 0.4165
Android (android.graphics.Color)	4281310578 (0xFF2F9D72)
YUV	119.2080, -2.5675, -63.3264
Hunter-Lab	50.9246, -32.1010, 12.2828

Details

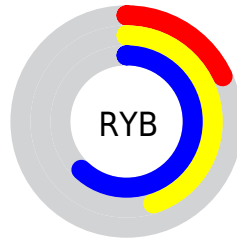
The YUV color **119.2080, -2.5675, -63.3264** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **84.7920, 2.5675, 63.3264**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.3610, -4.6150, -59.9526**, and **69.1590, -1.5574, -60.6524** is the 20% darker color. If you saturate the color by 10%, you get **113.7400, -2.8298, -72.5630**, and if you desaturate by 10%, it is **124.6760, -2.3053, -54.0899**.

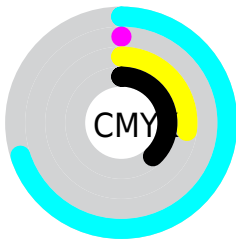
Distribution



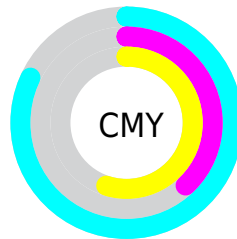
- Red (18%)
- Green (62%)
- Blue (45%)



- Red (18%)
- Yellow (45%)
- Blue (62%)



- Cyan (70%)
- Magenta (0%)
- Yellow (27%)
- Black (38%)





- Cyan (82%)
- Magenta (38%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.2080, -2.5675, -63.3264 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 119.2080, -2.5675, -63.3264 by changing the saturation by 10% instead.


 119.2080, -2.5675,
-63.3264


 119.2080, -2.5675,
-63.3264


255.0000, 0.0000,
0.0000


 86.4560, 1.2542,
-75.8219


 175.3610, -4.6150,
-59.9526

 69.1590, -1.5574,
-60.6524


 204.1330, -5.4886,
-59.7526


 51.9760, -3.9322,
-45.5830

 223.9150, -1.4371,
-52.5455

 35.4940, -6.1595,
-31.1282

 235.8920, 6.9552,
-37.6163

 20.5450, -10.1287,
-18.0180

 245.4320, 4.7170,
-19.6729

 0.0000, 0.0000,
0.0000

 254.1030, 0.4422,

-1.8443

■ 119.2080, -2.5675,
-63.3264

■ 119.2080, -2.5675,
-63.3264

■ 113.7400, -2.8298,
-72.5630

■ 124.6760, -2.3053,
-54.0899

■ 108.5710, -3.2395,
-81.1848

■ 129.8450, -1.8956,
-45.4681

■ 103.1030, -3.5018,
-90.4213

■ 135.3130, -1.6333,
-36.2315

■ 140.8950, -0.9342,
-27.0949

■ 146.3630, -0.6720,
-17.8584

■ 151.5320, -0.2623,
-9.2366

■ 157.0000, 0.0000,
0.0000

■ 162.4680, 0.2623,
9.2366

■ 167.6370, 0.6720,
17.8584

Harmonies

Analogous

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



129.4510, -24.3793, -20.5665



119.2080, -2.5675, -63.3264



110.7750, 20.8169, -97.1497

Triad

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



119.2080, -2.5675, -63.3264



135.9000, 38.5033, -29.7303



138.8750, -23.6024, 57.1146

Complementary

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



119.2080, -2.5675, -63.3264



84.7920, 2.5675, 63.3264

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.



140.2620, -7.0312, 62.0372



119.2080, -2.5675, -63.3264



143.5700, 25.8480, 16.1631

Square

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



119.2080, -2.5675, -63.3264



112.1040, 48.7557, -98.3152



142.7560, 10.4733, 47.5720



137.3660, -35.1834, 38.2670

Rectangle

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



119.2080, -2.5675, -63.3264



113.0380, 32.0263, -99.1343



142.7560, 10.4733, 47.5720



139.5640, -18.5191, 60.0184

Sweetspot

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



119.2080, -2.5675, -63.3264



189.2050, -1.0871, -24.7358



124.7260, -38.3189, -29.5777



93.3850, -0.6828, -14.3696



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.



119.2080, -2.5675, -63.3264



145.2330, -4.0589, -98.4283



117.6530, 19.3981, -61.9627



76.2660, -0.1311, -4.6183



93.8590, -3.3815, -82.3143



9.8310, -0.4097, -8.6218

Inverse Universe

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



84.7920, 2.5675, 63.3264



91.7670, 4.0589, 98.4283



86.3470, -19.3981, 61.9627



73.7340, 0.1311, 4.6183



49.1410, 3.3815, 82.3143



5.1690, 0.4097, 8.6218

Previews

White Background



This preview shows how the YUV color 119.2080, -2.5675, -63.3264 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 119.2080, -2.5675, -63.3264 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 119.2080, -2.5675, -63.3264 Background



This preview shows how black text looks on a background with the YUV color 119.2080, -2.5675, -63.3264.



This preview shows how white text looks on a background with the YUV color 119.2080, -2.5675,

-63.3264.

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

119.2080, -2.5675, -63.3264

Protanopia

137.2280, -15.8884, 9.4470

Deuteranopia

139.1780, -9.9478, 17.3839



Tritanopia

127.5510, 17.4764, -52.2262

Trichromacy



Original Color

119.2080, -2.5675, -63.3264

Protanomaly

130.6160, -11.1497, -17.2032

Deuteranomaly

131.9740, -7.3822, -12.2552

Tritanomaly

124.2810, 10.2145, -56.3744

Monochromacy



Original Color

119.2080, -2.5675, -63.3264

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

119.2160, -1.0925, -22.9914

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.2080, -2.5675, -63.3264 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(47, 157, 114)` looks like.

```
.text, #text, p{  
    color:rgb(47, 157, 114)  
}
```

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(47, 157, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 157, 114) }
```

Border

The CSS property to change the border of an element to YUV 119.2080, -2.5675, -63.3264 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(47, 157, 114) }
```


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

```
.border{ border-color:rgb(47, 157, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 157, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 157, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 157, 114);  
box-shadow:4px 4px 4px 4px rgb(47, 157,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 119.2080, -2.5675, -63.3264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 157, 114) }
```

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

```
.background{ background-color: rgb(47, 157,  
114) }
```

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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