

Converting Colors

YUV(118.4760, -5.6577,
-52.1605)

Have a look what the booklet for
YUV(118.4760, -5.6577, -52.1605)
contains.

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Color

**YUV(118.4760, -5.6577,
-52.1605)**

Conversions

Conversions Part 1

Format	Color
Hex	3B976B
RGB	59, 151, 107
RGB Percent	23%, 59%, 42%
CMY	0.7686, 0.4078, 0.5804
CMYK	0.61, 0.00, 0.29, 0.41
HSL	151°, 44%, 41%
HSV	151°, 61%, 59%
XYZ	15.5241, 24.1246, 17.7482
YIQ	118.4760, -40.7080, -33.1880

Conversions

Conversions Part 2

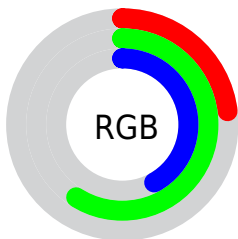
Format	Color
RYB	59, 119, 151
Decimal	3905387
CIELab	56.21, -37.95, 15.25
CIElCh	56, 40.898, 158.103
Yxy	24.1246, 0.2705, 0.4203
Android (android.graphics.Color)	4282095467 (0xFF3B976B)
YUV	118.4760, -5.6577, -52.1605
Hunter-Lab	49.1168, -29.5367, 12.9574

Details

The YUV color **118.4760, -5.6577, -52.1605** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **91.5240, 5.6577, 52.1605**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.4330, -7.1155, -51.2457**, and **64.8390, -2.8786, -56.8638** is the 20% darker color. If you saturate the color by 10%, you get **113.1930, -6.5041, -60.6823**, and if you desaturate by 10%, it is **123.7590, -4.8112, -43.6386**.

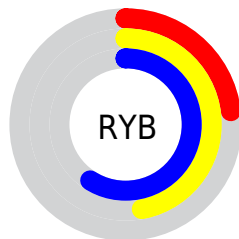
Distribution



Red (23%)

Green (59%)

Blue (42%)



Red (23%)

Yellow (47%)

Blue (59%)

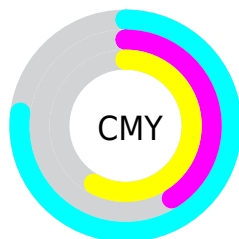


Cyan (61%)

Magenta (0%)

Yellow (29%)

Black (41%)



Cyan (77%)

Magenta (41%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.4760, -5.6577, -52.1605 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 118.4760, -5.6577, -52.1605 by changing the saturation by 10% instead.

■ 118.4760, -5.6577,
-52.1605

■ 118.4760, -5.6577,
-52.1605

■ 255.0000, 0.0000,
0.0000

■ 90.6110, -3.7522,
-56.6638

■ 173.4330, -7.1155,
-51.2457

■ 64.8390, -2.8786,
-56.8638

■ 201.3190, -7.5523,
-51.1458

■ 48.2430, -5.5428,
-42.3091

■ 225.0960, -5.9633,
-47.4422

■ 31.8750, -7.3334,
-27.9544

■ 236.7740, 2.5764,
-33.1278

■ 17.6100, -8.6817,
-15.4440

■ 247.2260, 3.8326,
-15.9842

■ 0.0000, 0.0000,
0.0000

■ 118.4760, -5.6577,
-52.1605

■ 118.4760, -5.6577,
-52.1605

■ 113.1930, -6.5041,
-60.6823

■ 123.7590, -4.8112,
-43.6386

■ 107.9100, -7.3506,
-69.2041

■ 129.0420, -3.9647,
-35.1168

■ 102.5130, -8.6339,
-77.6259

■ 134.4390, -2.6814,
-26.6950

■ 97.6430, -9.1910,
-85.6329

■ 139.7220, -1.8349,
-18.1732

■ 145.3040, -1.1359,
-9.0366

■ 150.5870, -0.2894,
-0.5148

■ 155.9840, 0.9939,
7.9070

■ 161.2670, 1.8404,

16.4288

■ 166.5500, 2.6868,
24.9506

Harmonies

Analogous

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



126.4840, -24.3956, -15.3335



118.4760, -5.6577, -52.1605



106.2270, 18.6221, -93.1611

Triad

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



118.4760, -5.6577, -52.1605



130.4220, 36.7670, -32.8191



134.6620, -20.5394, 54.6704

Complementary

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



118.4760, -5.6577, -52.1605



91.5240, 5.6577, 52.1605

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.



136.3970, -5.1257, 57.5338



118.4760, -5.6577, -52.1605



138.2380, 26.0117, 10.3153

Square

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



118.4760, -5.6577, -52.1605



108.5020, 45.1085, -95.1563



138.0650, 11.8000, 42.0390



133.2890, -31.6945, 39.2115

Rectangle

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



118.4760, -5.6577, -52.1605



108.2620, 28.9578, -94.9458



138.0650, 11.8000, 42.0390



135.2370, -15.8928, 57.6742

Sweetspot

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



118.4760, -5.6577, -52.1605



183.5970, -2.2663, -19.8176



126.1600, -33.1099, -20.3113



91.5810, -1.2724, -11.9105



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



118.4760, -5.6577, -52.1605



145.4910, -8.6231, -81.1146



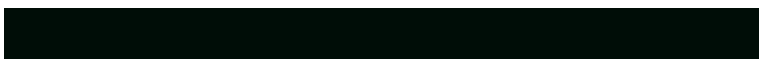
122.3180, 14.1402, -55.5299



74.1520, -0.5679, -4.5183



90.5020, -8.6285, -79.3703



8.4290, -0.7045, -7.3922

Inverse Universe

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



91.5240, 5.6577, 52.1605



103.6230, 9.0599, 81.0146



87.6820, -14.1402, 55.5299



71.8480, 0.5679, 4.5183



49.4980, 8.6285, 79.3703



4.5710, 0.7045, 7.3922

Previews

White Background



This preview shows how the YUV color 118.4760, -5.6577, -52.1605 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 118.4760, -5.6577, -52.1605 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 118.4760, -5.6577, -52.1605

Background



This preview shows how black text looks on a background with the YUV color 118.4760, -5.6577, -52.1605.



This preview shows how white text looks on a background with the YUV color 118.4760, -5.6577,

-52.1605.

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

118.4760, -5.6577, -52.1605

Protanopia

133.0000, -16.7620, 9.6470

Deuteranopia

134.8360, -11.2581, 17.6838



Tritanopia

125.3240, 15.1233, -44.1341

Trichromacy



Original Color

118.4760, -5.6577, -52.1605

Protanomaly

127.5950, -12.6183, -12.7998

Deuteranomaly

128.8390, -9.2876, -7.7518

Tritanomaly

122.6520, 7.5666, -47.0528

Monochromacy



Original Color

118.4760, -5.6577, -52.1605

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.3090, -2.1243, -18.6880

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.4760, -5.6577, -52.1605 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(59, 151, 107)` looks like.

```
.text, #text, p{  
    color:rgb(59, 151, 107)  
}
```

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(59, 151, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 151, 107) }
```

Border

The CSS property to change the border of an element to YUV 118.4760, -5.6577, -52.1605 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(59, 151, 107) }
```


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

```
.border{ border-color:rgb(59, 151, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 151, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 151, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 151, 107);  
box-shadow:4px 4px 4px 4px rgb(59, 151,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 118.4760, -5.6577, -52.1605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 151, 107) }
```

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

```
.background{ background-color: rgb(59, 151,  
107) }
```

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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