

Converting Colors

YUV(104.1740, -51.3578,
-47.5106)

Have a look what the booklet for
YUV(104.1740, -51.3578, -47.5106)
contains.

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Color

**YUV(104.1740, -51.3578,
-47.5106)**

Conversions

Conversions Part 1

Format	Color
Hex	329800
RGB	50, 152, 0
RGB Percent	20%, 60%, 0%
CMY	0.8039, 0.4039, 1.0000
CMYK	0.67, 0.00, 1.00, 0.40
HSL	100°, 100%, 30%
HSV	100°, 100%, 60%
XYZ	12.5436, 23.1346, 3.8043
YIQ	104.1740, -12.0000, -68.8960

Conversions

Conversions Part 2

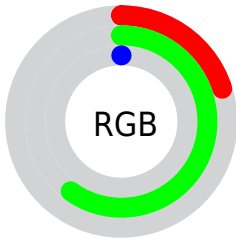
Format	Color
RYB	0, 152, 102
Decimal	3315712
CIELab	55.21, -52.38, 57.39
CIELCh	55, 77.701, 132.384
Yxy	23.1346, 0.3177, 0.5859
Android (android.graphics.Color)	4281505792 (0xFF329800)
YUV	104.1740, -51.3578, -47.5106
Hunter-Lab	48.0984, -37.6211, 28.9794

Details

The YUV color **104.1740, -51.3578, -47.5106** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **47.8260, 51.3578, 47.5106**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.6780, -45.6903, -45.3216**, and **58.7000, -28.9391, -51.4799** is the 20% darker color. If you saturate the color by 10%, you get **104.1740, -51.3578, -47.5106**, and if you desaturate by 10%, it is **108.8740, -46.2799, -42.8625**.

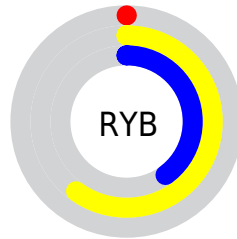
Distribution



Red (20%)

Green (60%)

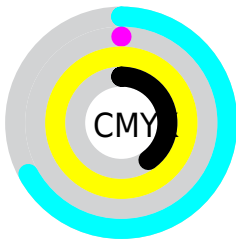
Blue (0%)



Red (0%)

Yellow (60%)

Blue (40%)

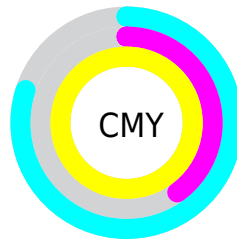


Cyan (67%)

Magenta (0%)

Yellow (100%)

Black (40%)



Cyan (80%)

Magenta (40%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.1740, -51.3578, -47.5106 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 104.1740, -51.3578, -47.5106 by changing the saturation by 10% instead.

■ 104.1740,
-51.3578, -47.5106

■ 104.1740,
-51.3578, -47.5106

■ 255.0000, 0.0000,
0.0000

■ 73.3750, -36.1739,
-64.3499

■ 162.6780,
-45.6903, -45.3216

■ 58.7000, -28.9391,
-51.4799

■ 191.4500,
-46.5638, -45.1216

■ 44.0250, -21.7043,
-38.6099

■ 214.3520,
-44.5435, -39.7737

■ 29.9370, -14.7589,
-26.2547

■ 226.5140,
-36.7354, -24.1298


■ 15.8490, -7.8136,
-13.8996


■ 238.3770,
-28.7799, -9.1006

■ 0.0000, 0.0000,
0.0000


■ 249.6420,


-20.5295, 4.6990


 252.9480, -7.8624,
1.7996

 104.1740,
-51.3578, -47.5106

 108.8740,
-46.2799, -42.8625

 113.5740,
-41.2020, -38.2144

 118.6870,
-35.8347, -33.0515

 123.3870,
-30.7568, -28.4034

 128.0870,
-25.6789, -23.7553

■ 132.7870,
-20.6010, -19.1072

■ 137.4870,
-15.5231, -14.4591

■ 142.6000,
-10.1558, -9.2962

■ 147.3000, -5.0779,
-4.6481

Harmonies

Analogous

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



121.0720, -59.6885, 11.3379



104.1740, -51.3578, -47.5106



103.4790, -7.1381, -90.7511

Triad

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



104.1740, -51.3578, -47.5106



117.7070, 67.6854, -103.2290



113.6510, -3.2789, 118.7011

Complementary

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



104.1740, -51.3578, -47.5106



47.8260, 51.3578, 47.5106

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.



123.3530, 25.4620, 93.5294



104.1740, -51.3578, -47.5106



105.9670, 73.4733, -92.9331

Square

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



104.1740, -51.3578, -47.5106



119.2280, 50.6666, -104.5630



134.9070, 48.3598, 29.0226



121.4150, -39.1516, 97.8600

Rectangle

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



104.1740, -51.3578, -47.5106



110.0110, 12.8126, -96.4796



134.9070, 48.3598, 29.0226



113.9140, 7.9304, 116.7164

Sweetspot

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



104.1740, -51.3578, -47.5106



177.6130, -20.0222, -18.0776



104.7350, -51.6344, 41.4514



87.8340, -11.7502, -11.2554



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.



104.1740, -51.3578, -47.5106



134.4870, -66.3021, -60.9401



92.0740, -33.0675, -80.7489



74.2940, -2.6099, -2.8888



95.9340, -47.2955, -43.7921



8.8270, -4.3517, -4.2333

Inverse Universe

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



47.8260, 51.3578, 47.5106



61.8120, 66.1547, 61.5549



59.9260, 33.0675, 80.7489



71.4070, 2.7573, 2.2741



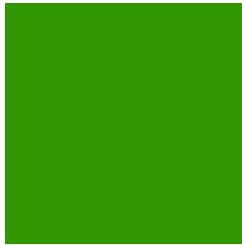
44.0660, 47.2955, 43.7921



4.1730, 4.3517, 4.2333

Previews

White Background



This preview shows how the YUV color 104.1740, -51.3578, -47.5106 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 104.1740, -51.3578, -47.5106 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 104.1740, -51.3578, -47.5106 Background



This preview shows how black text looks on a background with the YUV color 104.1740, -51.3578, -47.5106.



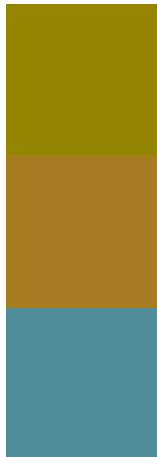
This preview shows how white text looks on a background with the YUV color 104.1740, -51.3578, -47.5106.

-47.5106.

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



Protanopia

121.7360, -60.0158, 23.0335

Deuteranopia

126.3580, -46.5185, 33.8890

Tritanopia

123.8300, 14.3808, -39.3159

Trichromacy



Protanomaly

115.0810, -56.7349, -2.7020

Deuteranomaly

118.3020, -48.4629, 4.1201

Tritanomaly

116.5050, -9.6160, -42.5389

Monochromacy



Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.6670, -18.5698, -17.2480

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.1740, -51.3578, -47.5106 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(50, 152, 0)` looks like.

```
.text, #text, p{  
    color:rgb(50, 152, 0)  
}
```

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(50, 152, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 152, 0) }
```

Border

The CSS property to change the border of an element to YUV 104.1740, -51.3578, -47.5106 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(50, 152, 0) }
```

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

```
.border{ border-color:rgb(50, 152, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 152, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 152, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 152, 0);  
box-shadow:4px 4px 4px 4px rgb(50, 152, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 104.1740, -51.3578, -47.5106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 152, 0) }
```

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

```
.background{ background-color: rgb(50, 152,  
0) }
```

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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