

Converting Colors

YUV(104.4800, -11.5756,
-20.5920)

Have a look what the booklet for
YUV(104.4800, -11.5756, -20.5920)
contains.

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Color

**YUV(104.4800, -11.5756,
-20.5920)**

Conversions

Conversions Part 1

Format	Color
Hex	517951
RGB	81, 121, 81
RGB Percent	32%, 47%, 32%
CMY	0.6824, 0.5255, 0.6824
CMYK	0.33, 0.00, 0.33, 0.53
HSL	120°, 20%, 40%
HSV	120°, 33%, 47%
XYZ	11.7159, 16.0182, 10.2589
YIQ	104.4800, -11.0000, -20.9200

Conversions

Conversions Part 2

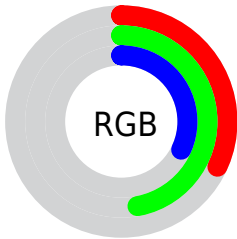
Format	Color
RYB	81, 121, 121
Decimal	5339473
CIELab	47.00, -22.71, 17.61
CIElCh	47, 28.735, 142.205
Yxy	16.0182, 0.3084, 0.4216
Android (android.graphics.Color)	4283529553 (0xFF517951)
YUV	104.4800, -11.5756, -20.5920
Hunter-Lab	40.0227, -17.7871, 12.8182

Details

The YUV color **104.4800, -11.5756, -20.5920** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **97.5200, 11.5756, 20.5920**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.5400, -12.5912, -21.5216**, and **56.2350, -9.9759, -20.3771** is the 20% darker color. If you saturate the color by 10%, you get **99.5240, -15.0483, -26.7695**, and if you desaturate by 10%, it is **109.4360, -8.1029, -14.4144**.

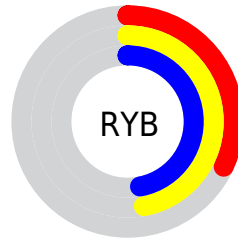
Distribution



Red (32%)

Green (47%)

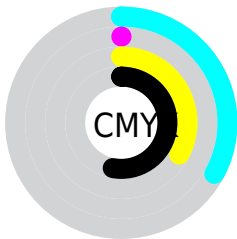
Blue (32%)



Red (32%)

Yellow (47%)

Blue (47%)

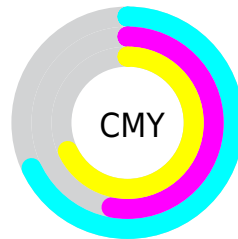


Cyan (33%)

Magenta (0%)

Yellow (33%)

Black (53%)



Cyan (68%)

Magenta (53%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.4800, -11.5756, -20.5920 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 104.4800, -11.5756, -20.5920 by changing the saturation by 10% instead.

■ 104.4800,
-11.5756, -20.5920

■ 104.4800,
-11.5756, -20.5920

■ 255.0000, 0.0000,
0.0000

■ 80.0070, -10.8495,
-20.1771

■ 156.5400,
-12.5912, -21.5216

■ 56.2350, -9.9759,
-20.3771

■ 183.1270,
-12.8806, -22.0364

■ 33.1640, -8.9549,
-21.1918

■ 210.7140,
-13.1700, -22.5512

■ 17.6100, -8.6817,
-15.4440

■ 237.4260,
-13.0280, -21.4216

■ 0.0000, 0.0000,
0.0000

■ 249.4030, -4.6357,
-6.4924

■ 104.4800,
-11.5756, -20.5920

■ 104.4800,
-11.5756, -20.5920

■ 99.5240, -15.0483,
-26.7695

■ 109.4360, -8.1029,
-14.4144

■ 94.5680, -18.5210,
-32.9471

■ 114.3920, -4.6303,
-8.2368

■ 89.6120, -21.9937,
-39.1247

■ 119.3480, -1.1576,
-2.0592

■ 84.6560, -25.4664,
-45.3023

■ 124.3040, 2.3151,
4.1184

■ 79.2870, -29.2285,
-51.9947

■ 129.2600, 5.7878,
10.2960

■ 74.3310, -32.7012,
-58.1723

■ 134.6290, 9.5499,
16.9884

■ 71.0270, -35.0163,
-62.2907

■ 139.5850, 13.0226,
23.1660

■ 144.5410, 16.4953,

29.3435

■ 149.4970, 19.9680,
35.5211

Harmonies

Analogous

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



108.2070, -20.8081, 0.6955



104.4800, -11.5756, -20.5920



98.9960, 2.4670, -44.7235

Triad

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



104.4800, -11.5756, -20.5920



105.3540, 26.4475, -36.2675



112.5490, -9.1447, 39.8605

Complementary

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



104.4800, -11.5756, -20.5920



97.5200, 11.5756, 20.5920

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.



114.2030, 2.3649, 34.9020



104.4800, -11.5756, -20.5920



112.5750, 21.4085, -6.6433

Square

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



104.4800, -11.5756, -20.5920



91.6010, 28.2977, -69.8101



114.8510, 12.8915, 18.5477



111.3990, -18.4377, 33.8531

Rectangle

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



104.4800, -11.5756, -20.5920



92.5620, 14.0199, -63.6369



114.8510, 12.8915, 18.5477



113.4610, -5.6503, 39.0607

Sweetspot

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



104.4800, -11.5756, -20.5920



151.3920, -4.6303, -8.2368



116.4400, -17.4719, 3.9991



75.2830, -2.6045, -4.6332



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



104.4800, -11.5756, -20.5920



131.9810, -18.2316, -32.4323



106.7600, -2.8397, -22.5915



58.5220, -1.7363, -3.0888



73.3750, -36.1739, -64.3499



147.9240, -72.9265, -129.7293

Inverse Universe

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



97.5200, 11.5756, 20.5920



121.0190, 18.2316, 32.4323



95.2400, 2.8397, 22.5915



57.4780, 1.7363, 3.0888



51.6250, 36.1739, 64.3499



104.0760, 72.9265, 129.7293

Previews

White Background



This preview shows how the YUV color 104.4800, -11.5756, -20.5920 looks on a white 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

Black Background



This preview shows how the YUV color 104.4800, -11.5756, -20.5920 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 104.4800, -11.5756, -20.5920 Background



This preview shows how black text looks on a background with the YUV color 104.4800, -11.5756, -20.5920.



This preview shows how white text looks on a background with the YUV color 104.4800, -11.5756, -20.5920.

-20.5920.

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

104.4800, -11.5756, -20.5920

Protanopia

109.8150, -16.1778, 8.9322

Deuteranopia

110.9670, -13.2947, 17.5689



Tritanopia

108.9530, 7.9112, -17.4988

Trichromacy



Original Color

104.4800, -11.5756, -20.5920

Protanomaly

108.0910, -14.8349, -1.8338

Deuteranomaly

108.4060, -12.5252, 4.0289

Tritanomaly

107.4060, 0.7858, -18.7731

Monochromacy



Original Color

104.4800, -11.5756, -20.5920

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.2180, -4.0515, -7.2072

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.4800, -11.5756, -20.5920 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(81, 121, 81)` looks like.

```
.text, #text, p{  
    color:rgb(81, 121, 81)  
}
```

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(81, 121, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 121, 81) }
```

Border

The CSS property to change the border of an element to YUV 104.4800, -11.5756, -20.5920 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(81, 121, 81) }
```


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

```
.border{ border-color:rgb(81, 121, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 121, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 121, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 121, 81);  
box-shadow:4px 4px 4px 4px rgb(81, 121,  
81) }
```

Background

The CSS property to change the background color of an element to YUV 104.4800, -11.5756, -20.5920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 121, 81) }
```

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

```
.background{ background-color: rgb(81, 121,  
81) }
```

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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