

Converting Colors

YUV(101.2320, -11.9464,
5.0585)

Have a look what the booklet for
YUV(101.2320, -11.9464, 5.0585)
contains.

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Color

**YUV(101.2320, -11.9464,
5.0585)**

Conversions

Conversions Part 1

Format	Color
Hex	6B674D
RGB	107, 103, 77
RGB Percent	42%, 40%, 30%
CMY	0.5804, 0.5961, 0.6980
CMYK	0.00, 0.04, 0.28, 0.58
HSL	52°, 16%, 36%
HSV	52°, 28%, 42%
XYZ	12.2532, 13.3621, 8.9545
YIQ	101.2320, 10.7300, -7.2380

Conversions

Conversions Part 2

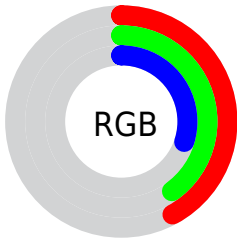
Format	Color
R _Y B	82, 107, 77
Decimal	7038797
CIE Lab	43.30, -3.04, 15.27
CIE LCh	43, 15.573, 101.240
Yxy	13.3621, 0.3544, 0.3865
Android (android.graphics.Color)	4285228877 (0xFF6B674D)
YUV	101.2320, -11.9464, 5.0585
Hunter-Lab	36.5542, -4.1356, 11.0640

Details

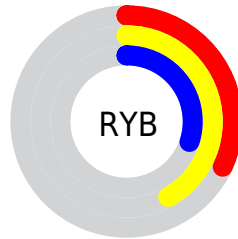
The YUV color $101.2320, -11.9464, 5.0585$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $82.7680, 11.9464, -5.0585$, and the grayscale version is $101.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $152.3030, -12.9674, 5.8733$, and $54.1610, -10.9254, 4.2438$ is the 20% darker color. If you saturate the color by 10%, you get $99.3910, -16.4618, 6.6731$, and if you desaturate by 10%, it is $103.0730, -7.4310, 3.4440$.

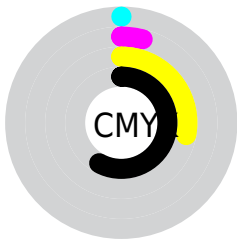
Distribution



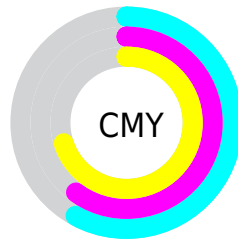
- Red (42%)
- Green (40%)
- Blue (30%)



- Red (32%)
- Yellow (42%)
- Blue (30%)



- Cyan (0%)
- Magenta (4%)
- Yellow (28%)
- Black (58%)



- Cyan (58%)
- Magenta (60%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.2320, -11.9464, 5.0585 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 101.2320, -11.9464, 5.0585 by changing the saturation by 10% instead.

■ 101.2320,
-11.9464, 5.0585

■ 101.2320,
-11.9464, 5.0585

■ 255.0000, 0.0000,
0.0000

■ 77.3460, -11.5096,
4.9586

■ 152.3030,
-12.9674, 5.8733

■ 54.1610, -10.9254,
4.2438

■ 179.1890,
-13.4042, 5.9732

■ 32.7480, -11.2148,
3.7290

■ 206.4880,
-13.5516, 6.5880

■ 11.5070, -5.6730,
-0.4446

■ 234.9610,
-14.2778, 6.1732

■ 0.0000, 0.0000,
0.0000

■ 252.7200, -8.7360,
1.9996

■ 101.2320,
-11.9464, 5.0585

■ 101.2320,
-11.9464, 5.0585

■ 99.3910, -16.4618,
6.6731

■ 103.0730, -7.4310,
3.4440

■ 97.0770, -20.2510,
8.7025

■ 105.3870, -3.6418,
1.4146

■ 95.2360, -24.7663,
10.3170

■ 107.2280, 0.8736,
-0.2000

■ 92.8080, -28.9923,
12.4464

■ 109.6560, 5.0996,
-2.3293

■ 90.9670, -33.5077,
14.0609

■ 111.4970, 9.6150,
-3.9439

■ 88.6530, -37.2969,
16.0903

■ 113.8110, 13.4042,
-5.9732

■ 86.8120, -41.8123,
17.7049

■ 115.6520, 17.9196,
-7.5878

■ 86.5840, -42.6859,

■ 117.4930, 22.4350,

17.9048

-9.2024

■ 119.8070, 26.2241,
-11.2317

Harmonies

Analogous

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



102.5860, -12.1209, 14.3951



101.2320, -11.9464, 5.0585



99.7790, -8.2720, -6.8222

Triad

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



101.2320, -11.9464, 5.0585



97.5820, 10.5591, -26.8204



104.6090, 3.1508, 16.1289

Complementary

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



101.2320, -11.9464, 5.0585



82.7680, 11.9464, -5.0585

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.



103.7370, 9.0037, 5.4927



101.2320, -11.9464, 5.0585



99.6090, 13.0108, -19.8281

Square

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



101.2320, -11.9464, 5.0585



97.1000, 4.8807, -25.5207



102.4580, 12.0992, -7.4177



104.3340, -3.1227, 21.6321

Rectangle

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



101.2320, -11.9464, 5.0585



98.4730, -4.1772, -13.5698



102.4580, 12.0992, -7.4177



104.4560, 5.1982, 12.7551

Sweetspot

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



101.2320, -11.9464, 5.0585



138.1590, -4.5154, 1.6146



86.4260, -2.6750, 18.0434



69.6150, -2.7682, 1.2146



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



101.2320, -11.9464, 5.0585



131.1200, -18.7932, 7.7878



100.2910, -11.4825, -3.7632



52.7290, -2.3314, 1.1147



94.8570, -46.7645, 19.4194



197.6990, -97.4656, 41.4830

Inverse Universe

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



82.7680, 11.9464, -5.0585



101.8800, 18.7932, -7.7878



83.7090, 11.4825, 3.7632



49.2710, 2.3314, -1.1147



22.7300, 46.4751, -19.9342



47.3010, 97.4656, -41.4830

Previews

White Background



This preview shows how the YUV color 101.2320, -11.9464, 5.0585 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 101.2320, -11.9464, 5.0585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

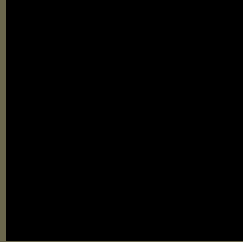
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

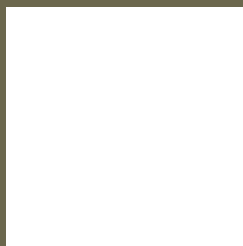
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 101.2320, -11.9464, 5.0585

Background



This preview shows how black text looks on a background with the YUV color 101.2320, -11.9464, 5.0585.



This preview shows how white text looks on a background with the YUV color 101.2320, -11.9464,

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

101.2320, -11.9464, 5.0585

Protanopia

101.5420, -12.0992, 7.4177

Deuteranopia

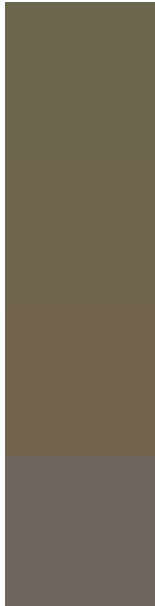
102.2980, -11.9789, 15.5247



Tritanopia

103.5000, 1.7255, 6.5775

Trichromacy



Original Color

101.2320, -11.9464, 5.0585

Protanomaly

101.2430, -11.9518, 6.8029

Deuteranomaly

101.9770, -11.8207, 11.4212

Tritanomaly

102.5340, -3.2213, 6.5477

Monochromacy



Original Color

101.2320, -11.9464, 5.0585

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

101.1590, -4.5154, 1.6146

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.2320, -11.9464, 5.0585 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(107, 103, 77)` looks like.

```
.text, #text, p{  
    color:rgb(107, 103, 77)  
}
```

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(107, 103, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 103, 77) }
```

Border

The CSS property to change the border of an element to YUV 101.2320, -11.9464, 5.0585 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(107, 103, 77) }
```


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

```
.border{ border-color:rgb(107, 103, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 103, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 103, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 103, 77);  
box-shadow:4px 4px 4px 4px rgb(107, 103,  
77) }
```

Background

The CSS property to change the background color of an element to YUV 101.2320, -11.9464, 5.0585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 103, 77) }
```

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

```
.background{ background-color: rgb(107,  
103, 77) }
```

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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