

Converting Colors

YUV(112.0920, -16.3144,
6.0583)

Have a look what the booklet for
YUV(112.0920, -16.3144, 6.0583)
contains.

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Color

**YUV(112.0920, -16.3144,
6.0583)**

Conversions

Conversions Part 1

Format	Color
Hex	77734F
RGB	119, 115, 79
RGB Percent	47%, 45%, 31%
CMY	0.5333, 0.5490, 0.6902
CMYK	0.00, 0.03, 0.34, 0.53
HSL	54°, 20%, 39%
HSV	54°, 34%, 47%
XYZ	15.1498, 16.7479, 9.8313
YIQ	112.0920, 13.9400, -10.3480

Conversions

Conversions Part 2

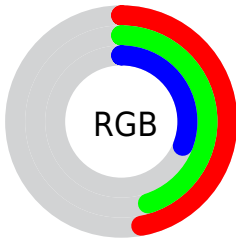
Format	Color
R_{YB}	83, 119, 79
Decimal	7828303
CIE Lab	47.94, -4.51, 20.52
CIE LCh	48, 21.007, 102.395
Yxy	16.7479, 0.3631, 0.4013
Android (android.graphics.Color)	4286018383 (0xFF77734F)
YUV	112.0920, -16.3144, 6.0583
Hunter-Lab	40.9242, -5.5384, 14.4036

Details

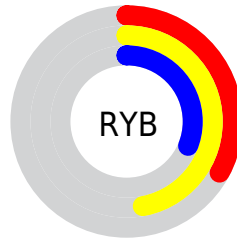
The YUV color **112.0920, -16.3144, 6.0583** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **85.9080, 16.3144, -6.0583**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.1630, -17.3354, 6.8730**, and **64.1350, -14.8566, 5.1436** is the 20% darker color. If you saturate the color by 10%, you get **110.1370, -21.2665, 7.7729**, and if you desaturate by 10%, it is **114.0470, -11.3622, 4.3438**.

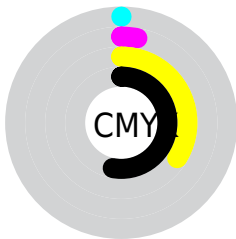
Distribution



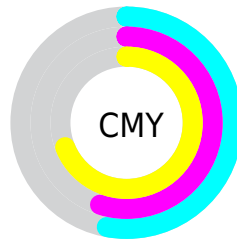
- Red (47%)
- Green (45%)
- Blue (31%)



- Red (33%)
- Yellow (47%)
- Blue (31%)



- Cyan (0%)
- Magenta (3%)
- Yellow (34%)
- Black (53%)



- Cyan (53%)
- Magenta (55%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.0920, -16.3144, 6.0583 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 112.0920, -16.3144, 6.0583 by changing the saturation by 10% instead.

■ 112.0920,
-16.3144, 6.0583

■ 112.0920,
-16.3144, 6.0583

■ 255.0000, 0.0000,
0.0000

■ 87.9070, -15.7302,
5.3436

■ 164.1630,
-17.3354, 6.8730

■ 64.1350, -14.8566,
5.1436

■ 191.0490,
-17.7722, 6.9730

■ 41.8360, -14.7091,
4.5288

■ 219.2340,
-18.3564, 7.6878

■ 22.1500, -10.9200,
2.4995

■ 246.8210,
-18.6458, 7.1730

■ 0.0000, 0.0000,
0.0000

■ 253.0620, -7.4256,
1.6996

■ 112.0920,
-16.3144, 6.0583

■ 112.0920,
-16.3144, 6.0583

■ 110.1370,
-21.2665, 7.7729

■ 114.0470,
-11.3622, 4.3438

■ 108.1820,
-26.2187, 9.4874

■ 116.0020, -6.4100,
2.6292

■ 105.6400,
-30.8815, 11.7167

■ 118.5440, -1.7472,
0.3999

■ 103.6850,
-35.8337, 13.4313

■ 120.4990, 3.2050,
-1.3146

■ 101.8440,
-40.3491, 15.0458

■ 122.4540, 8.1572,
-3.0292

■ 99.8890, -45.3013,
16.7603

■ 124.2950, 12.6726,
-4.6437

■ 98.3900, -48.5063,
18.0750

■ 126.2500, 17.6248,
-6.3582

■ 128.7920, 22.2875,

-8.5876

■ 130.7470, 27.2397,
-10.3021

Harmonies

Analogous

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



113.7670, -16.6471, 19.4983



112.0920, -16.3144, 6.0583



109.9590, -11.3188, -9.6110

Triad

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



112.0920, -16.3144, 6.0583



105.1720, 15.6912, -39.6158



116.5820, 4.1501, 22.2916

Complementary

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



112.0920, -16.3144, 6.0583



85.9080, 16.3144, -6.0583

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.



116.4430, 11.6136, 8.3815



112.0920, -16.3144, 6.0583



109.6340, 18.4214, -28.6200

Square

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



112.0920, -16.3144, 6.0583



105.4190, 7.6814, -37.2015



113.7010, 16.9094, -10.2618



116.0360, -4.4547, 28.9094

Rectangle

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



112.0920, -16.3144, 6.0583



108.0870, -5.4659, -20.2473



113.7010, 16.9094, -10.2618



116.5430, 6.6343, 18.8178

Sweetspot

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



112.0920, -16.3144, 6.0583



153.0020, -6.4100, 2.6292



91.4160, -4.1491, 24.1912



77.3870, -3.6418, 1.4146



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.



112.0920, -16.3144, 6.0583



144.7090, -25.4925, 9.9022



109.6560, -15.1134, -5.8373



57.7290, -2.3314, 1.1147



101.0480, -49.8167, 18.3749



206.8250, -101.9647, 37.8645

Inverse Universe

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



85.9080, 16.3144, -6.0583



104.2910, 25.4925, -9.9022



88.3440, 15.1134, 5.8373



53.6840, 2.6208, -0.5999



20.9520, 49.8167, -18.3749



43.1750, 101.9647, -37.8645

Previews

White Background



This preview shows how the YUV color 112.0920, -16.3144, 6.0583 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 112.0920, -16.3144, 6.0583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

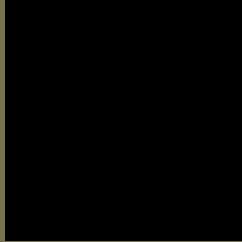
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

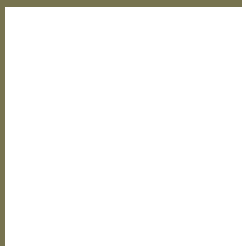
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 112.0920, -16.3144, 6.0583

Background



This preview shows how black text looks on a background with the YUV color 112.0920, -16.3144, 6.0583.



This preview shows how white text looks on a background with the YUV color 112.0920, -16.3144,

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

112.0920, -16.3144, 6.0583

Protanopia

112.5870, -17.0514, 9.1322

Deuteranopia

113.4680, -16.4997, 18.8836



Tritanopia

115.2120, 1.8675, 7.7071

Trichromacy



Original Color

112.0920, -16.3144, 6.0583

Protanomaly

112.2880, -16.9040, 8.5174

Deuteranomaly

112.8480, -16.1941, 14.1653

Tritanomaly

114.0780, -4.9685, 6.9476

Monochromacy



Original Color

112.0920, -16.3144, 6.0583

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.1160, -5.9732, 2.5293

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.0920, -16.3144, 6.0583 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(119, 115, 79)` looks like.

```
.text, #text, p{  
    color:rgb(119, 115, 79)  
}
```

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(119, 115, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 115, 79) }
```

Border

The CSS property to change the border of an element to YUV 112.0920, -16.3144, 6.0583 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(119, 115, 79) }
```


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

```
.border{ border-color:rgb(119, 115, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 115, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 115, 79); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 115, 79); box-shadow:4px 4px 4px 4px rgb(119, 115, 79) }
```

Background

The CSS property to change the background color of an element to YUV 112.0920, -16.3144, 6.0583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 115, 79) }
```

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

```
.background{ background-color: rgb(119,  
115, 79) }
```

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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