

Converting Colors

YUV(114.3250, -16.4292,
-3.7930)

Have a look what the booklet for
YUV(114.3250, -16.4292, -3.7930)
contains.

YUV(114.3250, -16.4292, -3.7930)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(114.3250, -16.4292,
-3.7930)**

Conversions

Conversions Part 1

Format	Color
Hex	6E7B51
RGB	110, 123, 81
RGB Percent	43%, 48%, 32%
CMY	0.5686, 0.5176, 0.6824
CMYK	0.11, 0.00, 0.34, 0.52
HSL	79°, 21%, 40%
HSV	79°, 34%, 48%
XYZ	14.9986, 18.0750, 10.4829
YIQ	114.3250, 5.7340, -15.8180

Conversions

Conversions Part 2

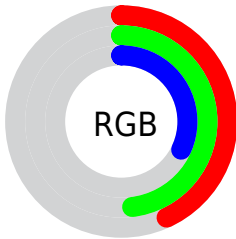
Format	Color
RYB	81, 123, 94
Decimal	7240529
CIELab	49.59, -12.51, 21.42
CIELCh	50, 24.802, 120.290
Yxy	18.0750, 0.3443, 0.4150
Android (android.graphics.Color)	4285430609 (0xFF6E7B51)
YUV	114.3250, -16.4292, -3.7930
Hunter-Lab	42.5147, -11.4285, 15.1411

Details

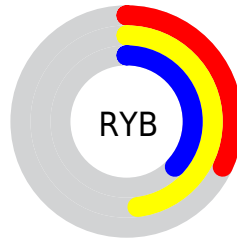
The YUV color $[114.3250, -16.4292, -3.7930]$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $[89.6750, 16.4292, 3.7930]$, and the grayscale version is $[114.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[166.0970, -17.3028, -3.5931]$, and $[65.9660, -15.2662, -3.4782]$ is the 20% darker color. If you saturate the color by 10%, you get $[111.7610, -21.0812, -5.0524]$, and if you desaturate by 10%, it is $[116.8890, -11.7773, -2.5337]$.

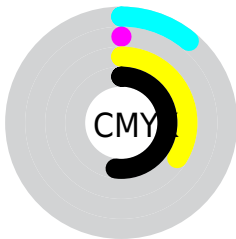
Distribution



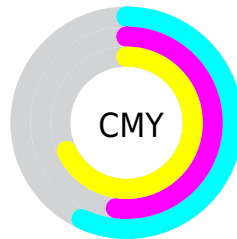
- Red (43%)
- Green (48%)
- Blue (32%)



- Red (32%)
- Yellow (48%)
- Blue (37%)



- Cyan (11%)
- Magenta (0%)
- Yellow (34%)
- Black (52%)



- Cyan (57%)
- Magenta (52%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.3250, -16.4292, -3.7930 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 114.3250, -16.4292, -3.7930 by changing the saturation by 10% instead.

■ 114.3250,
-16.4292, -3.7930

■ 114.3250,
-16.4292, -3.7930

■ 255.0000, 0.0000,
0.0000

■ 89.5530, -15.5556,
-3.9930

■ 166.0970,
-17.3028, -3.5931

■ 65.9660, -15.2662,
-3.4782

■ 193.5700,
-18.0290, -4.0079

■ 43.7810, -14.6820,
-4.1929

■ 221.4560,
-18.4658, -3.9079

■ 23.2910, -11.4825,
-3.7632

■ 247.4070,
-17.4557, -1.2339

■ 0.0000, 0.0000,
0.0000

■ 253.2900, -6.5520,
1.4997

■ 114.3250,
-16.4292, -3.7930

■ 114.3250,
-16.4292, -3.7930

■ 111.7610,
-21.0812, -5.0524

■ 116.8890,
-11.7773, -2.5337

■ 109.0830,
-26.1699, -6.2118

■ 119.5670, -6.6885,
-1.3743

■ 106.8180,
-30.9693, -6.8564

■ 121.8320, -1.8892,
-0.7297

■ 104.2540,
-35.6212, -8.1158

■ 124.3960, 2.7628,
0.5297

■ 101.5760,
-40.7100, -9.2752

■ 127.0740, 7.8515,
1.6891

■ 99.0120, -45.3619,
-10.5345

■ 129.6380, 12.5035,
2.9485

■ 97.6160, -48.1247,
-11.0642

■ 132.2020, 17.1554,
4.2078

■ 134.4670, 21.9548,

4.8524

■ 137.1450, 27.0435,
6.0118

Harmonies

Analogous

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



116.8110, -20.1198, 13.3208



114.3250, -16.4292, -3.7930



110.9080, -7.3496, -22.7213

Triad

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



114.3250, -16.4292, -3.7930



109.1590, 22.1066, -43.9894



120.5680, -1.2660, 32.8279

Complementary

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



114.3250, -16.4292, -3.7930



89.6750, 16.4292, 3.7930

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.



121.4230, 8.6655, 20.6770



114.3250, -16.4292, -3.7930



115.5900, 21.8941, -22.4424

Square

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



114.3250, -16.4292, -3.7930



105.2090, 16.1660, -51.9263



119.4790, 17.0189, 1.3339



119.7610, -10.7282, 34.4126

Rectangle

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



114.3250, -16.4292, -3.7930



108.8940, 0.5453, -34.9870



119.4790, 17.0189, 1.3339



121.1700, 2.3812, 29.6689

Sweetspot

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



114.3250, -16.4292, -3.7930



157.6810, -6.2517, -1.4742



101.1890, -9.9532, 19.1282



79.9630, -3.9258, -0.8446



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



114.3250, -16.4292, -3.7930



147.1970, -25.7331, -6.3118



108.0460, -13.3337, -16.7033



59.7180, -2.3260, -0.6297



99.0890, -48.8509, -11.4791



199.9500, -98.5754, -22.7581

Inverse Universe

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



89.6750, 16.4292, 3.7930



108.5040, 25.8805, 5.6970



95.9540, 13.3337, 16.7033



56.2820, 2.3260, 0.6297



25.9110, 48.8509, 11.4791



52.0500, 98.5754, 22.7582

Previews

White Background



This preview shows how the YUV color 114.3250, -16.4292, -3.7930 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 114.3250, -16.4292, -3.7930 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 114.3250, -16.4292, -3.7930

Background



This preview shows how black text looks on a background with the YUV color 114.3250, -16.4292, -3.7930.



This preview shows how white text looks on a background with the YUV color 114.3250, -16.4292, -3.7930.

-3.7930.

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

114.3250, -16.4292, -3.7930

Protanopia

116.5440, -18.5092, 10.0469

Deuteranopia

117.6530, -17.0839, 19.5983



Tritanopia

117.8410, 4.5154, -1.6146

Trichromacy



Original Color

114.3250, -16.4292, -3.7930

Protanomaly

115.7390, -17.6193, 4.6139

Deuteranomaly

116.5980, -17.0568, 10.8766

Tritanomaly

116.4790, -3.1941, -2.1741

Monochromacy



Original Color

114.3250, -16.4292, -3.7930

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.0940, -5.9623, -0.9594

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.3250, -16.4292, -3.7930 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(110, 123, 81)` looks like.

```
.text, #text, p{  
    color:rgb(110, 123, 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(110, 123, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 123, 81) }
```

Border

The CSS property to change the border of an element to YUV 114.3250, -16.4292, -3.7930 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(110, 123, 81) }
```


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

```
.border{ border-color:rgb(110, 123, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 123, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 123, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 123, 81);  
box-shadow:4px 4px 4px 4px rgb(110, 123,  
81) }
```

Background

The CSS property to change the background color of an element to YUV 114.3250, -16.4292, -3.7930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 123, 81) }
```

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

```
.background{ background-color: rgb(110,  
123, 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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