

Converting Colors

YUV(112.9580, -19.6993,
18.4538)

Have a look what the booklet for
YUV(112.9580, -19.6993, 18.4538)
contains.

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Color

**YUV(112.9580, -19.6993,
18.4538)**

Conversions

Conversions Part 1

Format	Color
Hex	866E49
RGB	134, 110, 73
RGB Percent	53%, 43%, 29%
CMY	0.4745, 0.5686, 0.7137
CMYK	0.00, 0.18, 0.46, 0.47
HSL	36°, 29%, 41%
HSV	36°, 46%, 53%
XYZ	16.6100, 16.7012, 8.6515
YIQ	112.9580, 26.1810, -6.4190

Conversions

Conversions Part 2

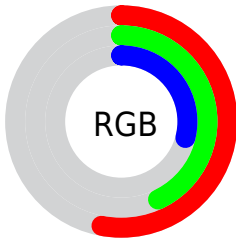
Format	Color
R_{YB}	113, 134, 73
Decimal	8810057
CIE _{Lab}	47.88, 4.19, 24.16
CIE _{LCh}	48, 24.519, 80.157
Yxy	16.7012, 0.3958, 0.3980
Android (android.graphics.Color)	4287000137 (0xFF866E49)
YUV	112.9580, -19.6993, 18.4538
Hunter-Lab	40.8671, 1.0321, 16.0553

Details

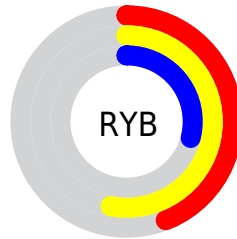
The YUV color **112.9580, -19.6993, 18.4538** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **94.0420, 19.6993, -18.4538**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.6270, -21.0151, 20.4981**, and **64.9900, -18.2361, 15.7948** is the 20% darker color. If you saturate the color by 10%, you get **108.5410, -23.9307, 22.3275**, and if you desaturate by 10%, it is **117.3750, -15.4679, 14.5801**.

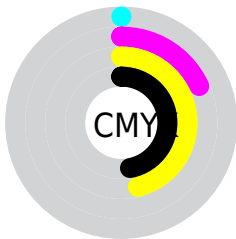
Distribution



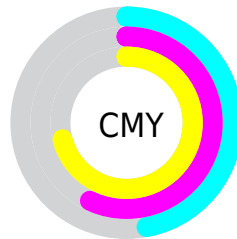
- Red (53%)
- Green (43%)
- Blue (29%)



- Red (44%)
- Yellow (53%)
- Blue (29%)



- Cyan (0%)
- Magenta (18%)
- Yellow (46%)
- Black (47%)



- Cyan (47%)
- Magenta (57%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.9580, -19.6993, 18.4538 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 112.9580, -19.6993, 18.4538 by changing the saturation by 10% instead.

■ 112.9580,
-19.6993, 18.4538

■ 112.9580,
-19.6993, 18.4538

■ 255.0000, 0.0000,
0.0000

■ 88.4740, -18.9677,
17.1243

■ 164.6270,
-21.0151, 20.4981

■ 64.9900, -18.2361,
15.7948

■ 192.1110,
-21.7467, 21.8277

■ 41.8650, -18.6674,
14.1504

■ 220.2960,
-22.3309, 22.5424

■ 22.7920, -11.2365,
10.7064

■ 243.0880,
-20.2564, 10.4468

■ 0.0000, 0.0000,
0.0000

■ 252.2640,
-10.4832, 2.3995

■ 112.9580,
-19.6993, 18.4538

■ 112.9580,
-19.6993, 18.4538

■ 108.5410,
-23.9307, 22.3275

■ 117.3750,
-15.4679, 14.5801

■ 103.4230,
-28.3095, 26.8160

■ 122.4930,
-11.0890, 10.0916

■ 99.0060, -32.5410,
30.6897

■ 126.9100, -6.8576,
6.2179

■ 94.4750, -37.2092,
34.6634

■ 131.4410, -2.1894,
2.2442

■ 90.0580, -41.4406,
38.5371

■ 135.8580, 2.0420,
-1.6295

■ 87.6130, -43.1932,
40.6814

■ 140.8620, 5.9840,
-6.0180

■ 145.3930, 10.6523,
-9.9917

■ 149.8100, 14.8837,

-13.8654

■ 154.3410, 19.5519,
-17.8391

Harmonies

Analogous

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



114.4740, -15.5167, 30.2793



112.9580, -19.6993, 18.4538



111.2010, -18.3401, 2.4547

Triad

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



112.9580, -19.6993, 18.4538



101.3080, 12.6662, -49.3821



116.1880, 11.7393, 14.7441

Complementary

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



112.9580, -19.6993, 18.4538



94.0420, 19.6993, -18.4538

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.



114.4780, 18.4983, -6.5582



112.9580, -19.6993, 18.4538



103.0830, 20.6651, -48.3078

Square

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



112.9580, -19.6993, 18.4538



104.3070, 0.8346, -34.4722



109.2470, 22.0632, -30.0346



116.7570, 2.0918, 29.1541

Rectangle

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



112.9580, -19.6993, 18.4538



108.9760, -13.7922, -9.6260



109.2470, 22.0632, -30.0346



116.1270, 14.2344, 7.7816

Sweetspot

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



112.9580, -19.6993, 18.4538



164.9810, -7.8786, 7.0327



93.9750, 1.4913, 35.1019



81.7680, -4.8156, 4.5885



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



112.9580, -19.6993, 18.4538



140.4510, -30.7883, 28.5455



125.2520, -25.7602, 2.4100



64.1420, -2.0420, 1.6295



85.2430, -42.0248, 39.2519



2.0710, -1.0210, 0.8147

Inverse Universe

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



94.0420, 19.6993, -18.4538



111.1360, 30.4990, -29.0603



81.7480, 25.7602, -2.4100



61.8580, 2.0420, -1.6295



44.7570, 42.0248, -39.2519



0.9290, 1.0210, -0.8147

Previews

White Background



This preview shows how the YUV color 112.9580, -19.6993, 18.4538 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 112.9580, -19.6993, 18.4538 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 112.9580, -19.6993, 18.4538

Background



This preview shows how black text looks on a background with the YUV color 112.9580, -19.6993, 18.4538.



This preview shows how white text looks on a background with the YUV color 112.9580, -19.6993, 18.4538.

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

112.9580, -19.6993, 18.4538

Protanopia

112.4300, -18.9460, 10.1469

Deuteranopia

113.2680, -19.8521, 20.8130



Tritanopia

115.7790, -1.3700, 19.4878

Trichromacy



Original Color

112.9580, -19.6993, 18.4538

Protanomaly

113.0390, -19.2462, 13.1208

Deuteranomaly

112.9690, -19.7047, 20.1982

Tritanomaly

114.9440, -8.3534, 19.3431

Monochromacy



Original Color

112.9580, -19.6993, 18.4538

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.0950, -7.4418, 6.9327

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.9580, -19.6993, 18.4538 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(134, 110, 73)` looks like.

```
.text, #text, p{  
    color:rgb(134, 110, 73)  
}
```

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(134, 110, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 110, 73) }
```

Border

The CSS property to change the border of an element to YUV 112.9580, -19.6993, 18.4538 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(134, 110, 73) }
```


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

```
.border{ border-color:rgb(134, 110, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 110, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 110, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 110, 73);  
box-shadow:4px 4px 4px 4px rgb(134, 110,  
73) }
```

Background

The CSS property to change the background color of an element to YUV 112.9580, -19.6993, 18.4538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 110, 73) }
```

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

```
.background{ background-color: rgb(134,  
110, 73) }
```

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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