

Converting Colors

YUV(117.0540, -11.8586,
23.6316)

Have a look what the booklet for
YUV(117.0540, -11.8586, 23.6316)
contains.

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Color

**YUV(117.0540, -11.8586,
23.6316)**

Conversions

Conversions Part 1

Format	Color
Hex	906C5D
RGB	144, 108, 93
RGB Percent	56%, 42%, 36%
CMY	0.4353, 0.5765, 0.6353
CMYK	0.00, 0.25, 0.35, 0.44
HSL	18°, 22%, 46%
HSV	18°, 35%, 56%
XYZ	18.8399, 17.4447, 12.7301
YIQ	117.0540, 26.2710, 2.9670

Conversions

Conversions Part 2

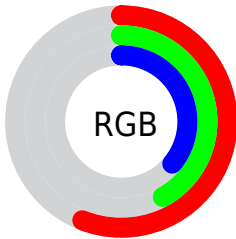
Format	Color
RYB	144, 114, 93
Decimal	9464925
CIELab	48.82, 12.15, 13.96
CIELCh	49, 18.505, 48.949
Yxy	17.4447, 0.3844, 0.3559
Android (android.graphics.Color)	4287655005 (0xFF906C5D)
YUV	117.0540, -11.8586, 23.6316
Hunter-Lab	41.7669, 7.4246, 11.1658

Details

The YUV color **117.0540, -11.8586, 23.6316** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **119.9460, 11.8586, -23.6316**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.7230, -13.1744, 25.6759**, and **68.0860, -10.3954, 20.9726** is the 20% darker color. If you saturate the color by 10%, you get **109.5880, -15.0799, 30.1793**, and if you desaturate by 10%, it is **124.5200, -8.6374, 17.0840**.

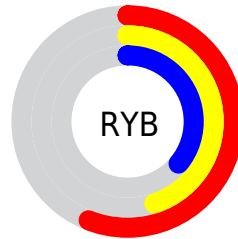
Distribution



Red (56%)

Green (42%)

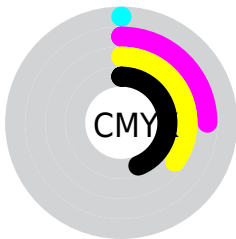
Blue (36%)



Red (56%)

Yellow (45%)

Blue (36%)

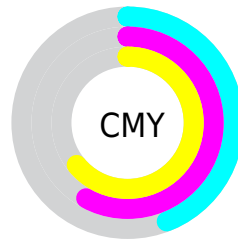


Cyan (0%)

Magenta (25%)

Yellow (35%)

Black (44%)



Cyan (44%)

Magenta (58%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.0540, -11.8586, 23.6316 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 117.0540, -11.8586, 23.6316 by changing the saturation by 10% instead.

■ 117.0540,
-11.8586, 23.6316

■ 117.0540,
-11.8586, 23.6316

■ 255.0000, 0.0000,
0.0000

■ 92.4560, -11.5638,
22.4021

■ 169.7230,
-13.1744, 25.6759

■ 68.0860, -10.3954,
20.9726

■ 197.0220,
-13.3218, 26.2907

■ 45.6020, -9.6638,
19.6430

■ 224.3210,
-13.4693, 26.9055

■ 24.0210, -11.8424,
18.3986

■ 244.5360, -9.6312,
9.1769

■ 5.0830, -2.5059,
10.4512

■ 254.8860, -0.4368,
0.1000

■ 0.0000, 0.0000,
0.0000

■ 117.0540,
-11.8586, 23.6316

■ 117.0540,
-11.8586, 23.6316

■ 109.5880,
-15.0799, 30.1793

■ 124.5200, -8.6374,
17.0840

■ 102.0080,
-18.7379, 36.8270

■ 132.1000, -4.9793,
10.4363

■ 94.5420, -21.9592,
43.3747

■ 139.5660, -1.7580,
3.8886

■ 86.3750, -25.3279,
50.5371

■ 147.7330, 1.6106,
-3.2738

■ 78.9090, -28.5491,
57.0848

■ 155.1990, 4.8319,
-9.8215

■ 71.4430, -31.7704,
63.6325

■ 162.6650, 8.0532,
-16.3692

■ 67.7100, -33.3810,
66.9063

■ 170.2450, 11.7112,
-23.0169

■ 177.7110, 14.9325,

-29.5645

■ 185.2910, 18.5905,
-36.2122

Harmonies

Analogous

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



118.0850, -5.4649, 26.2355



117.0540, -11.8586, 23.6316



115.7880, -15.1785, 15.0949

Triad

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



117.0540, -11.8586, 23.6316



109.7320, -0.3609, -24.3210



116.6370, 13.9830, -4.9436

Complementary

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



117.0540, -11.8586, 23.6316



119.9460, 11.8586, -23.6316

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.



113.1080, 16.2158, -21.1427



117.0540, -11.8586, 23.6316



108.9680, 8.3968, -33.2979

Square

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



117.0540, -11.8586, 23.6316



112.0450, -8.4032, -11.4405



109.8740, 14.3591, -32.3385



118.4710, 9.1348, 10.1109

Rectangle

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



117.0540, -11.8586, 23.6316



114.5590, -14.5726, 7.4028



109.8740, 14.3591, -32.3385



115.6470, 15.4570, -11.0914

Sweetspot

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



117.0540, -11.8586, 23.6316



175.5020, -4.6845, 9.2067



112.4670, 8.6438, 27.6544



87.9360, -2.9264, 5.3181



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



117.0540, -11.8586, 23.6316



144.0080, -18.7379, 36.8270



131.7290, -19.0934, 10.7617



67.2670, -1.6106, 3.2738



63.8450, -31.4756, 62.4029



3.5660, -1.7580, 3.8886

Inverse Universe

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



119.9460, 11.8586, -23.6316



148.5790, 18.4486, -37.3418



105.2710, 19.0934, -10.7617



67.7330, 1.6106, -3.2738



71.1550, 31.4756, -62.4029



3.8470, 2.0474, -3.3738

Previews

White Background



This preview shows how the YUV color 117.0540, -11.8586, 23.6316 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 117.0540, -11.8586, 23.6316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

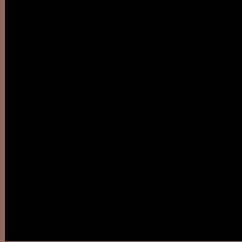
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 117.0540, -11.8586, 23.6316

Background



This preview shows how black text looks on a background with the YUV color 117.0540, -11.8586, 23.6316.



This preview shows how white text looks on a background with the YUV color 117.0540, -11.8586, 23.6316.

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

117.0540, -11.8586, 23.6316

Protanopia

115.9270, -9.3310, 6.2030

Deuteranopia

116.8960, -12.2737, 16.7542



Tritanopia

118.1710, -2.5493, 24.4060

Trichromacy



Original Color

117.0540, -11.8586, 23.6316

Protanomaly

116.4440, -10.0789, 12.7656

Deuteranomaly

117.2060, -12.4266, 19.1133

Tritanomaly

117.6610, -5.7489, 23.9763

Monochromacy



Original Color

117.0540, -11.8586, 23.6316

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.2030, -4.5371, 8.5920

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.0540, -11.8586, 23.6316 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(144, 108, 93)` looks like.

```
.text, #text, p{  
    color:rgb(144, 108, 93)  
}
```

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(144, 108, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 108, 93) }
```

Border

The CSS property to change the border of an element to YUV 117.0540, -11.8586, 23.6316 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(144, 108, 93) }
```


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

```
.border{ border-color:rgb(144, 108, 93) }
```

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

Here you see how a box with a 4 pixel rgb(144, 108, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 108, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 108, 93);  
box-shadow:4px 4px 4px 4px rgb(144, 108,  
93) }
```

Background

The CSS property to change the background color of an element to YUV 117.0540, -11.8586, 23.6316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 108, 93) }
```

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

```
.background{ background-color: rgb(144,  
108, 93) }
```

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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