

Converting Colors

YUV(116.4560, -11.5638,
22.4021)

Have a look what the booklet for
YUV(116.4560, -11.5638, 22.4021)
contains.

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Color

**YUV(116.4560, -11.5638,
22.4021)**

Conversions

Conversions Part 1

Format	Color
Hex	8E6C5D
RGB	142, 108, 93
RGB Percent	56%, 42%, 36%
CMY	0.4431, 0.5765, 0.6353
CMYK	0.00, 0.24, 0.35, 0.44
HSL	18°, 21%, 46%
HSV	18°, 35%, 56%
XYZ	18.4937, 17.2662, 12.7139
YIQ	116.4560, 25.0790, 2.5430

Conversions

Conversions Part 2

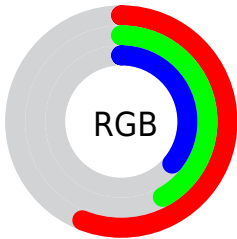
Format	Color
R_{YB}	142, 115, 93
Decimal	9333853
CIE _{Lab}	48.59, 11.31, 13.61
CIE _{LCh}	49, 17.700, 50.277
Yxy	17.2662, 0.3815, 0.3562
Android (android.graphics.Color)	4287523933 (0xFF8E6C5D)
YUV	116.4560, -11.5638, 22.4021
Hunter-Lab	41.5526, 6.7272, 10.9458

Details

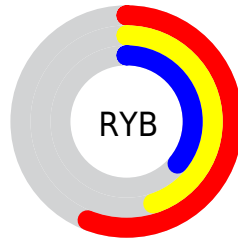
The YUV color **116.4560, -11.5638, 22.4021** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **118.5440, 11.5638, -22.4021**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.5380, -12.5902, 24.9612**, and **67.4880, -10.1006, 19.7430** is the 20% darker color. If you saturate the color by 10%, you get **108.9900, -14.7851, 28.9498**, and if you desaturate by 10%, it is **123.9220, -8.3425, 15.8544**.

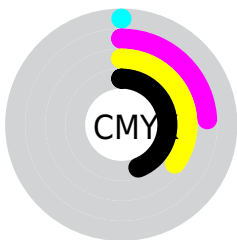
Distribution



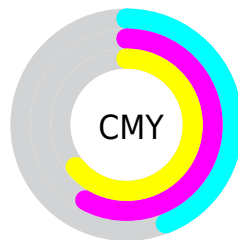
- Red (56%)
- Green (42%)
- Blue (36%)



- Red (56%)
- Yellow (45%)
- Blue (36%)



- Cyan (0%)
- Magenta (24%)
- Yellow (35%)
- Black (44%)



- Cyan (44%)
- Magenta (58%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.4560, -11.5638, 22.4021 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 116.4560, -11.5638, 22.4021 by changing the saturation by 10% instead.

■ 116.4560,
-11.5638, 22.4021

■ 116.4560,
-11.5638, 22.4021

255.0000, 0.0000,
0.0000

■ 91.8580, -11.2690,
21.1725

■ 168.5380,
-12.5902, 24.9612

■ 67.4880, -10.1006,
19.7430

■ 195.8370,
-12.7376, 25.5760

■ 45.5910, -9.6584,
17.8987

■ 224.0220,
-13.3218, 26.2907

■ 23.7220, -11.6949,
17.7838

■ 244.5360, -9.6312,
9.1769

■ 3.8870, -1.9163,
7.9921

254.8860, -0.4368,
0.1000

■ 0.0000, 0.0000,
0.0000

■ 116.4560,
-11.5638, 22.4021

■ 116.4560,
-11.5638, 22.4021

■ 108.9900,
-14.7851, 28.9498

■ 123.9220, -8.3425,
15.8544

■ 101.5240,
-18.0063, 35.4975

■ 131.3880, -5.1213,
9.3067

■ 93.9440, -21.6644,
42.1451

■ 138.9680, -1.4632,
2.6591

■ 87.0650, -25.1750,
48.1780

■ 145.8470, 2.0474,
-3.3738

■ 79.5990, -28.3963,
54.7257

■ 153.3130, 5.2687,
-9.9215

■ 72.1330, -31.6176,
61.2734

■ 160.7790, 8.4900,
-16.4692

■ 67.6990, -33.3756,
65.1620

■ 168.2450, 11.7112,
-23.0169

■ 175.8250, 15.3693,

-29.6645

■ 183.2910, 18.5905,
-36.2122

Harmonies

Analogous

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



117.3730, -5.6069, 25.1059



116.4560, -11.5638, 22.4021



115.3040, -14.4469, 13.7654

Triad

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



116.4560, -11.5638, 22.4021



110.1450, -0.0715, -23.8062



115.8220, 13.3988, -4.2289

Complementary

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



116.4560, -11.5638, 22.4021



118.5440, 11.5638, -22.4021

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.



113.0050, 15.7735, -19.2984



116.4560, -11.5638, 22.4021



108.8650, 7.9546, -31.4536

Square

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



116.4560, -11.5638, 22.4021



111.5720, -7.6770, -11.0256



110.0700, 13.7695, -29.8794



117.6560, 8.5506, 10.8257

Rectangle

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



116.4560, -11.5638, 22.4021



114.0750, -13.8410, 6.0732



110.0700, 13.7695, -29.8794



115.1310, 14.7254, -9.7619

Sweetspot

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



116.4560, -11.5638, 22.4021



174.2030, -4.5371, 8.5920



111.5270, 7.6282, 26.7248



86.0500, -2.4896, 5.2182



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



116.4560, -11.5638, 22.4021



144.2250, -17.8589, 34.8827



130.5440, -18.5092, 10.0469



67.2670, -1.6106, 3.2738



64.4320, -31.7650, 61.8881



3.5660, -1.7580, 3.8886

Inverse Universe

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



118.5440, 11.5638, -22.4021



147.7750, 17.8589, -34.8827



104.4560, 18.5092, -10.0469



67.7330, 1.6106, -3.2738



70.5680, 31.7650, -61.8881



3.8470, 2.0474, -3.3738

Previews

White Background



This preview shows how the YUV color 116.4560, -11.5638, 22.4021 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 116.4560, -11.5638, 22.4021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

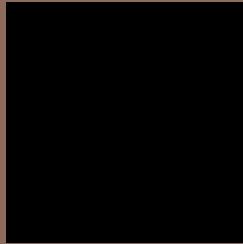
Any Text WCAG AA × Fail

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 116.4560, -11.5638, 22.4021 Background



This preview shows how black text looks on a background with the YUV color 116.4560, -11.5638, 22.4021.



This preview shows how white text looks on a background with the YUV color 116.4560, -11.5638, 22.4021.

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

116.4560, -11.5638, 22.4021

Protanopia

115.0410, -8.8942, 6.1030

Deuteranopia

116.0100, -11.8369, 16.6542



Tritanopia

117.5730, -2.2545, 23.1765

Trichromacy



Original Color

116.4560, -11.5638, 22.4021

Protanomaly

115.2590, -9.4947, 12.0509

Deuteranomaly

116.3200, -11.9898, 19.0134

Tritanomaly

117.0630, -5.4541, 22.7467

Monochromacy



Original Color

116.4560, -11.5638, 22.4021

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.0180, -3.9529, 7.8772

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.4560, -11.5638, 22.4021 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(142, 108, 93)` looks like.

```
.text, #text, p{  
    color:rgb(142, 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(142, 108, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 108, 93) }
```

Border

The CSS property to change the border of an element to YUV 116.4560, -11.5638, 22.4021 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(142, 108, 93) }
```


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

```
.border{ border-color:rgb(142, 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(142, 108, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 108, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 108, 93);  
box-shadow:4px 4px 4px 4px rgb(142, 108,  
93) }
```

Background

The CSS property to change the background color of an element to YUV 116.4560, -11.5638, 22.4021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 108, 93) }
```

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

```
.background{ background-color: rgb(142,  
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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