

Converting Colors

YUV(124.6230, -58.4811,
44.1806)

Have a look what the booklet for
YUV(124.6230, -58.4811, 44.1806)
contains.

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Color

**YUV(124.6230, -58.4811,
44.1806)**

Conversions

Conversions Part 1

Format	Color
Hex	AF7A06
RGB	175, 122, 6
RGB Percent	69%, 48%, 2%
CMY	0.3137, 0.5216, 0.9765
CMYK	0.00, 0.30, 0.97, 0.31
HSL	41°, 93%, 35%
HSV	41°, 97%, 69%
XYZ	24.6716, 23.0462, 3.3203
YIQ	124.6230, 68.8240, -24.8400

Conversions

Conversions Part 2

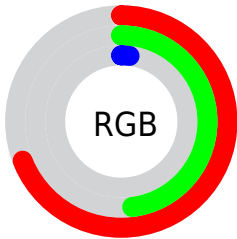
Format	Color
RYB	83, 175, 6
Decimal	11500038
CIELab	55.12, 12.40, 60.14
CIElCh	55, 61.401, 78.350
Yxy	23.0462, 0.4834, 0.4515
Android (android.graphics.Color)	4289690118 (0xFFAF7A06)
YUV	124.6230, -58.4811, 44.1806
Hunter-Lab	48.0064, 7.7240, 29.5038

Details

The YUV color **124.6230, -58.4811, 44.1806** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **56.3770, 58.4811, -44.1806**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.3830, -54.4188, 47.8991**, and **78.4210, -38.6616, 33.8338** is the 20% darker color. If you saturate the color by 10%, you get **122.7650, -60.5231, 45.8101**, and if you desaturate by 10%, it is **129.6100, -52.0657, 39.8070**.

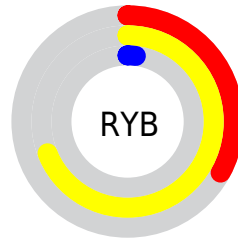
Distribution



Red (69%)

Green (48%)

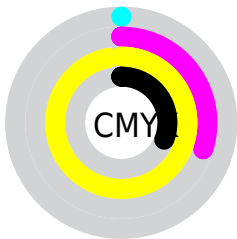
Blue (2%)



Red (33%)

Yellow (69%)

Blue (2%)

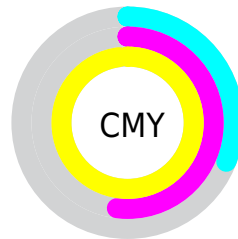


Cyan (0%)

Magenta (30%)

Yellow (97%)

Black (31%)



Cyan (31%)

Magenta (52%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 124.6230, -58.4811, 44.1806 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 124.6230, -58.4811, 44.1806 by changing the saturation by 10% instead.

■ 124.6230,
-58.4811, 44.1806

■ 124.6230,
-58.4811, 44.1806

■ 255.0000, 0.0000,
0.0000

■ 100.5930,
-49.5923, 39.8219

■ 180.3830,
-54.4188, 47.8991

■ 78.4210, -38.6616,
33.8338

■ 205.7630,
-54.1132, 43.1808

■ 56.5480, -27.8782,
28.4604

■ 225.2770,
-50.4226, 26.0671

■ 36.1480, -17.8210,
22.6722

■ 243.0300,
-45.8638, 10.4977

■ 15.7590, -7.7692,
18.6284

■ 246.2220,
-33.6334, 7.6983

■ 0.0000, 0.0000,
0.0000

■ 249.4140,

-21.4031, 4.8989

■ 252.7200, -8.7360,
1.9996

■ 124.6230,
-58.4811, 44.1806

■ 124.6230,
-58.4811, 44.1806

■ 122.7650,
-60.5231, 45.8101

■ 129.6100,
-52.0657, 39.8070

■ 135.0700,
-46.3765, 35.0186

■ 140.0570,
-39.9611, 30.6450

■ 145.5170,
-34.2719, 25.8566

■ 150.5040,
-27.8565, 21.4830

■ 155.9640,
-22.1673, 16.6946

■ 160.9510,
-15.7518, 12.3210

■ 166.4110,
-10.0626, 7.5326

■ 171.2840, -4.0840,
3.2589

Harmonies

Analogous

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



126.9450, -36.4549, 72.8392



124.6230, -58.4811, 44.1806



120.0220, -57.1988, 6.1197

Triad

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



124.6230, -58.4811, 44.1806



110.8550, 26.2005, -97.2198



135.9280, 33.0665, 34.2661

Complementary

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



124.6230, -58.4811, 44.1806



56.3770, 58.4811, -44.1806

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.



127.5370, 52.4863, -34.6739



124.6230, -58.4811, 44.1806



114.4520, 47.5982, -100.3744

Square

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



124.6230, -58.4811, 44.1806



103.4110, 2.7554, -90.6914



111.4320, 61.4120, -97.7259



130.1000, 12.2757, 76.2113

Rectangle

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



124.6230, -58.4811, 44.1806



116.7480, -38.3298, -26.0890



111.4320, 61.4120, -97.7259



135.5280, 39.6727, 15.3229

Sweetspot

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



124.6230, -58.4811, 44.1806



207.1490, -22.7515, 17.4093



62.6870, -1.3247, 98.4985



102.8090, -13.7098, 10.6915



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



124.6230, -58.4811, 44.1806



159.4450, -78.6064, 59.2457



146.4650, -69.2492, -2.1618



84.2130, -3.0630, 2.4442



105.3110, -51.9183, 39.1923



16.2690, -8.0206, 5.9031

Inverse Universe

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



56.3770, 58.4811, -44.1806



67.5550, 78.6064, -59.2457



34.5350, 69.2492, 2.1618



80.7870, 3.0630, -2.4442



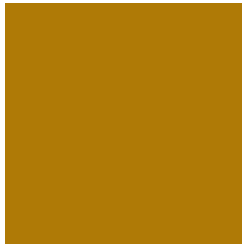
44.6890, 51.9183, -39.1923



6.7310, 8.0206, -5.9031

Previews

White Background



This preview shows how the YUV color 124.6230, -58.4811, 44.1806 looks on a white 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

Black Background



This preview shows how the YUV color 124.6230, -58.4811, 44.1806 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 124.6230, -58.4811, 44.1806

Background



This preview shows how black text looks on a background with the YUV color 124.6230, -58.4811, 44.1806.



This preview shows how white text looks on a background with the YUV color 124.6230, -58.4811, 44.1806.

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

124.6230, -58.4811, 44.1806

Protanopia

123.9900, -55.2111, 21.9338

Deuteranopia

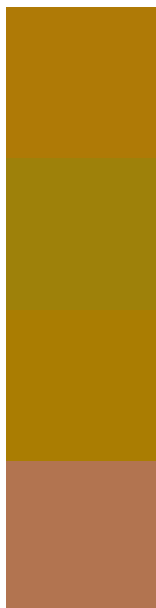
123.8950, -61.0802, 37.8031



Tritanopia

134.0590, -5.9451, 40.2903

Trichromacy



Original Color

124.6230, -58.4811, 44.1806

Protanomaly

124.1050, -56.2538, 29.7259

Deuteranomaly

124.4330, -60.3595, 39.9623

Tritanomaly

130.4340, -24.8640, 41.7154

Monochromacy



Original Color

124.6230, -58.4811, 44.1806

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

124.8930, -21.1462, 15.8798

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.6230, -58.4811, 44.1806 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(175, 122, 6)` looks like.

```
.text, #text, p{  
    color:rgb(175, 122, 6)  
}
```

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(175, 122, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 122, 6) }
```

Border

The CSS property to change the border of an element to YUV 124.6230, -58.4811, 44.1806 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(175, 122, 6) }
```


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

```
.border{ border-color:rgb(175, 122, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 122, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 122, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 122, 6);  
box-shadow:4px 4px 4px 4px rgb(175, 122,  
6) }
```

Background

The CSS property to change the background color of an element to YUV 124.6230, -58.4811, 44.1806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 122, 6) }
```

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

```
.background{ background-color: rgb(175,  
122, 6) }
```

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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