

Converting Colors

YUV(117.0620, -57.7116,
30.6406)

Have a look what the booklet for
YUV(117.0620, -57.7116, 30.6406)
contains.

YUV(117.0620, -57.7116, 30.6406)	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>	30

Color

**YUV(117.0620, -57.7116,
30.6406)**

Conversions

Conversions Part 1

Format	Color
Hex	987A00
RGB	152, 122, 0
RGB Percent	60%, 48%, 0%
CMY	0.4039, 0.5216, 1.0000
CMYK	0.00, 0.20, 1.00, 0.40
HSL	48°, 100%, 30%
HSV	48°, 100%, 60%
XYZ	19.9084, 20.5945, 2.9258
YIQ	117.0620, 57.0420, -31.5820

Conversions

Conversions Part 2

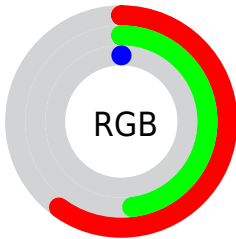
Format	Color
R_{YB}	37, 152, 0
Decimal	9992704
CIE Lab	52.50, 1.67, 58.20
CIE LCh	53, 58.228, 88.357
Yxy	20.5945, 0.4584, 0.4742
Android (android.graphics.Color)	4288182784 (0xFF987A00)
YUV	117.0620, -57.7116, 30.6406
Hunter-Lab	45.3811, -1.1101, 27.9442

Details

The YUV color **117.0620, -57.7116, 30.6406** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **34.9380, 57.7116, -30.6406**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.4520, -52.4808, 32.9296**, and **72.1420, -35.5660, 20.9235** is the 20% darker color. If you saturate the color by 10%, you get **117.0620, -57.7116, 30.6406**, and if you desaturate by 10%, it is **120.5330, -52.0278, 27.5966**.

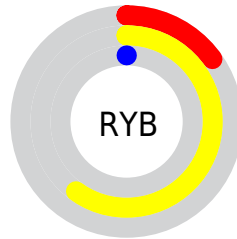
Distribution



Red (60%)

Green (48%)

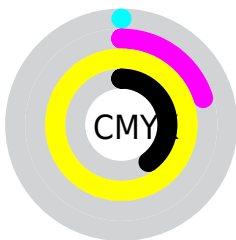
Blue (0%)



Red (15%)

Yellow (60%)

Blue (0%)

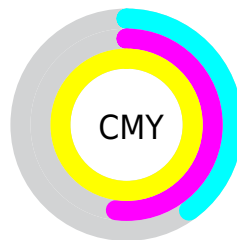


Cyan (0%)

Magenta (20%)

Yellow (100%)

Black (40%)



Cyan (40%)

Magenta (52%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.0620, -57.7116, 30.6406 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 117.0620, -57.7116, 30.6406 by changing the saturation by 10% instead.

■ 117.0620,
-57.7116, 30.6406

■ 117.0620,
-57.7116, 30.6406

■ 255.0000, 0.0000,
0.0000

■ 94.0150, -46.3494,
26.2968

■ 172.4520,
-52.4808, 32.9296

■ 72.1420, -35.5660,
20.9235

■ 200.2350,
-53.3599, 34.8739

■ 51.1550, -25.2194,
15.6501

■ 224.2340,
-51.8804, 26.9818

■ 31.3530, -15.4570,
11.0914

■ 242.5740,
-47.6110, 10.8976


■ 9.1920, -4.5317,
6.8476


■ 245.7660,
-35.3806, 8.0982


■ 0.0000, 0.0000,
0.0000


■ 248.9580,


-23.1503, 5.2988


 252.2640,
-10.4832, 2.3995


 117.0620,
-57.7116, 30.6406

 120.5330,
-52.0278, 27.5966

 124.0040,
-46.3440, 24.5525

 127.5890,
-40.2234, 21.4084

 131.0600,
-34.5396, 18.3644

 134.5310,
-28.8558, 15.3203

■ 138.0020,
-23.1720, 12.2762

■ 141.4730,
-17.4882, 9.2322

■ 145.0580,
-11.3676, 6.0881

■ 148.5290, -5.6838,
3.0441

Harmonies

Analogous

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



121.0160, -40.9269, 60.4990



117.0620, -57.7116, 30.6406



113.3650, -44.0569, -9.0901

Triad

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



117.0620, -57.7116, 30.6406



106.3700, 31.8626, -93.2865



127.8390, 24.7294, 48.3762

Complementary

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



117.0620, -57.7116, 30.6406



34.9380, 57.7116, -30.6406

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.



126.3080, 43.2322, -6.4091



117.0620, -57.7116, 30.6406



107.8810, 50.3447, -94.6116

Square

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



117.0620, -57.7116, 30.6406



100.6700, 10.0227, -88.2876



103.2480, 60.5167, -90.5485



122.2330, 3.8291, 78.7257

Rectangle

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



117.0620, -57.7116, 30.6406



106.8520, -26.0560, -42.8432



103.2480, 60.5167, -90.5485



129.0480, 31.0353, 32.4069

Sweetspot

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



117.0620, -57.7116, 30.6406



182.8170, -22.5878, 11.5615



48.8680, -9.3019, 90.4468



90.9010, -13.2622, 7.1028



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



117.0620, -57.7116, 30.6406



151.3500, -74.6155, 39.1581



120.9180, -59.6126, -13.0831



74.9140, -2.9156, 1.8294



108.1910, -53.3382, 27.8965



9.7570, -4.8102, 2.8441

Inverse Universe

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



34.9380, 57.7116, -30.6406



45.2370, 74.3262, -39.6728



31.0820, 59.6126, 13.0831



70.4990, 3.2050, -1.3146



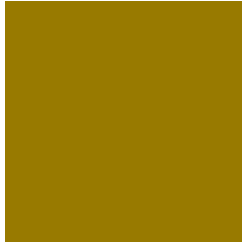
32.3960, 53.0488, -28.4113



3.2430, 4.8102, -2.8441

Previews

White Background



This preview shows how the YUV color 117.0620, -57.7116, 30.6406 looks on a white background.

Color Contrast Check

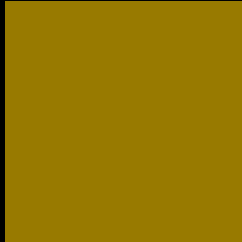
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.0620, -57.7116, 30.6406 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 117.0620, -57.7116, 30.6406

Background



This preview shows how black text looks on a background with the YUV color 117.0620, -57.7116, 30.6406.



This preview shows how white text looks on a background with the YUV color 117.0620, -57.7116, 30.6406.

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



Protanopia

117.2180, -54.3375, 21.7338

Deuteranopia

118.6480, -53.0705, 35.3887

Tritanopia

127.4810, -2.7021, 26.7652

Trichromacy



Protanomaly

117.4850, -55.9481, 25.0077

Deuteranomaly

117.8820, -54.6648, 33.4295

Tritanomaly

123.6280, -22.4946, 28.3902

Monochromacy



Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.1590, -21.2774, 11.2616

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.0620, -57.7116, 30.6406 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(152, 122, 0)` looks like.

```
.text, #text, p{  
    color:rgb(152, 122, 0)  
}
```

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(152, 122, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 122, 0) }
```

Border

The CSS property to change the border of an element to YUV 117.0620, -57.7116, 30.6406 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(152, 122, 0) }
```

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

```
.border{ border-color:rgb(152, 122, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 122, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 122, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 122, 0);  
box-shadow:4px 4px 4px 4px rgb(152, 122,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 117.0620, -57.7116, 30.6406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 122, 0) }
```

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

```
.background{ background-color: rgb(152,  
122, 0) }
```

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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