

Converting Colors

YUV(127.9610, -61.1128,
48.2692)

Have a look what the booklet for
YUV(127.9610, -61.1128, 48.2692)
contains.

YUV(127.9610, -61.1128, 48.2692)	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>	31

Color

**YUV(127.9610, -61.1128,
48.2692)**

Conversions

Conversions Part 1

Format	Color
Hex	B77C04
RGB	183, 124, 4
RGB Percent	72%, 49%, 2%
CMY	0.2824, 0.5137, 0.9843
CMYK	0.00, 0.32, 0.98, 0.28
HSL	40°, 96%, 37%
HSV	40°, 98%, 72%
XYZ	26.7580, 24.4913, 3.4319
YIQ	127.9610, 73.6840, -24.8120

Conversions

Conversions Part 2

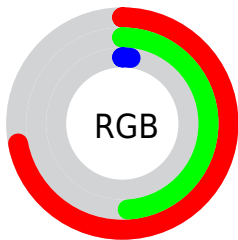
Format	Color
RYB	92, 183, 4
Decimal	12024836
CIELab	56.58, 14.87, 61.96
CIELCh	57, 63.715, 76.504
Yxy	24.4913, 0.4893, 0.4479
Android (android.graphics.Color)	4290214916 (0xFFB77C04)
YUV	127.9610, -61.1128, 48.2692
Hunter-Lab	49.4887, 9.9077, 30.5306

Details

The YUV color **127.9610, -61.1128, 48.2692** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **59.0390, 61.1128, -48.2692**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.1340, -56.7611, 52.5025**, and **81.4000, -40.1302, 38.2372** is the 20% darker color. If you saturate the color by 10%, you get **126.9180, -62.5706, 49.1839**, and if you desaturate by 10%, it is **133.5350, -54.9868, 43.3808**.

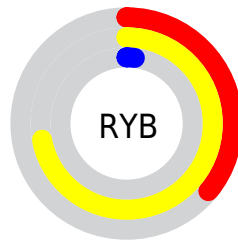
Distribution



Red (72%)

Green (49%)

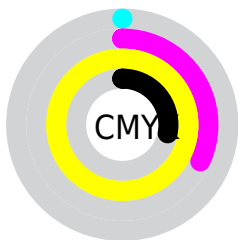
Blue (2%)



Red (36%)

Yellow (72%)

Blue (2%)

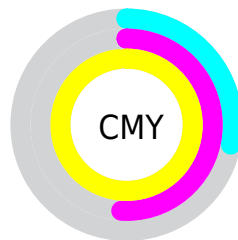


Cyan (0%)

Magenta (32%)

Yellow (98%)

Black (28%)



Cyan (28%)

Magenta (51%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.9610, -61.1128, 48.2692 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 127.9610, -61.1128, 48.2692 by changing the saturation by 10% instead.

■ 127.9610,
-61.1128, 48.2692

■ 127.9610,
-61.1128, 48.2692

■ 255.0000, 0.0000,
0.0000

■ 103.8600,
-51.2030, 43.0958

■ 184.1340,
-56.7611, 52.5025

■ 81.4000, -40.1302,
38.2372

■ 206.9370,
-54.6919, 42.1513

■ 59.8150, -29.4888,
31.7342

■ 226.4510,
-51.0013, 25.0375

■ 38.5290, -18.9948,
25.8461

■ 243.0300,
-45.8638, 10.4977

■ 19.0150, -9.3744,
20.1578

■ 246.2220,
-33.6334, 7.6983

■ 0.0000, 0.0000,
0.0000

■ 249.5280,

-20.9663, 4.7989

■ 252.7200, -8.7360,
1.9996

■ 127.9610,
-61.1128, 48.2692

■ 127.9610,
-61.1128, 48.2692

■ 126.9180,
-62.5706, 49.1839

■ 133.5350,
-54.9868, 43.3808

■ 139.2230,
-48.4239, 38.3924

■ 144.7970,
-42.2979, 33.5040

■ 150.3710,
-36.1719, 28.6156

■ 156.0590,
-29.6091, 23.6273

■ 161.6330,
-23.4831, 18.7389

■ 167.2070,
-17.3571, 13.8505

■ 172.7810,
-11.2310, 8.9621

■ 178.4690, -4.6682,
3.9737

Harmonies

Analogous

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



130.5650, -36.7605, 77.5575



127.9610, -61.1128, 48.2692



123.4200, -60.8461, 9.2787

Triad

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



127.9610, -61.1128, 48.2692



113.4310, 25.9165, -99.4790



139.7150, 36.1295, 31.8219

Complementary

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



127.9610, -61.1128, 48.2692



59.0390, 61.1128, -48.2692

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.



128.8070, 56.2971, -43.6807



127.9610, -61.1128, 48.2692



117.8430, 47.8984, -103.3483

Square

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



127.9610, -61.1128, 48.2692



106.2320, 0.8716, -93.1655



115.2790, 63.4595, -101.0997



133.9800, 14.3069, 78.0705

Rectangle

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



127.9610, -61.1128, 48.2692



120.1350, -41.9716, -24.6744



115.2790, 63.4595, -101.0997



138.7170, 43.0305, 11.6492

Sweetspot

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



127.9610, -61.1128, 48.2692



215.6330, -23.4831, 18.7389



64.3610, -0.1780, 104.0464



106.9940, -14.2940, 11.4063



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



127.9610, -61.1128, 48.2692



164.1960, -80.9486, 63.8491



153.6240, -73.7646, -0.5472



89.2130, -3.0630, 2.4442



107.6920, -53.0922, 42.3661



19.5250, -9.6258, 7.4326

Inverse Universe

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



59.0390, 61.1128, -48.2692



72.8040, 80.9486, -63.8491



33.3760, 73.7646, 0.5472



85.7870, 3.0630, -2.4442



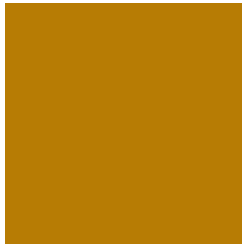
47.7210, 53.3815, -41.8513



8.4750, 9.6258, -7.4326

Previews

White Background



This preview shows how the YUV color 127.9610, -61.1128, 48.2692 looks on a white background.

Color Contrast Check

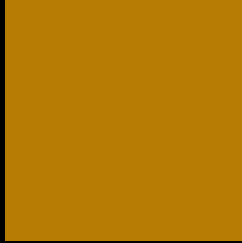
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.9610, -61.1128, 48.2692 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 127.9610, -61.1128, 48.2692

Background



This preview shows how black text looks on a background with the YUV color 127.9610, -61.1128, 48.2692.



This preview shows how white text looks on a background with the YUV color 127.9610, -61.1128, 48.2692.

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

127.9610, -61.1128, 48.2692

Protanopia

127.9470, -56.6689, 22.8485

Deuteranopia

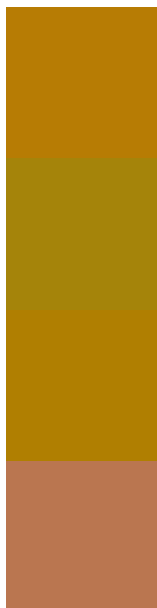
127.1510, -62.6854, 39.3326



Tritanopia

137.8530, -6.8295, 43.9789

Trichromacy



Original Color

127.9610, -61.1128, 48.2692

Protanomaly

127.9590, -58.1538, 32.4850

Deuteranomaly

127.2870, -62.2595, 42.7213

Tritanomaly

134.0000, -26.6220, 45.6040

Monochromacy



Original Color

127.9610, -61.1128, 48.2692

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

128.2630, -22.3147, 17.3093

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.9610, -61.1128, 48.2692 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(183, 124, 4)` looks like.

```
.text, #text, p{  
    color:rgb(183, 124, 4)  
}
```

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(183, 124, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 124, 4) }
```

Border

The CSS property to change the border of an element to YUV 127.9610, -61.1128, 48.2692 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(183, 124, 4) }
```


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

```
.border{ border-color:rgb(183, 124, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 124, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 124, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 124, 4);  
box-shadow:4px 4px 4px 4px rgb(183, 124,  
4) }
```

Background

The CSS property to change the background color of an element to YUV 127.9610, -61.1128, 48.2692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 124, 4) }
```

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

```
.background{ background-color: rgb(183,  
124, 4) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor