

Converting Colors

YUV(107.5290, -28.8548,
61.8031)

Have a look what the booklet for
YUV(107.5290, -28.8548, 61.8031)
contains.

YUV(107.5290, -28.8548, 61.8031)	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(107.5290, -28.8548,
61.8031)**

Conversions

Conversions Part 1

Format	Color
Hex	B25331
RGB	178, 83, 49
RGB Percent	70%, 33%, 19%
CMY	0.3020, 0.6745, 0.8078
CMYK	0.00, 0.53, 0.72, 0.30
HSL	16°, 57%, 45%
HSV	16°, 72%, 70%
XYZ	22.0077, 15.8732, 4.8096
YIQ	107.5290, 67.5340, 9.5660

Conversions

Conversions Part 2

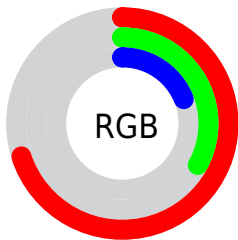
Format	Color
R_{YB}	178, 95, 49
Decimal	11686705
CIE _{Lab}	46.81, 36.31, 37.59
CIE _{LCh}	47, 52.262, 45.994
Yxy	15.8732, 0.5155, 0.3718
Android (android.graphics.Color)	4289876785 (0xFFB25331)
YUV	107.5290, -28.8548, 61.8031
Hunter-Lab	39.8412, 28.8787, 20.7314

Details

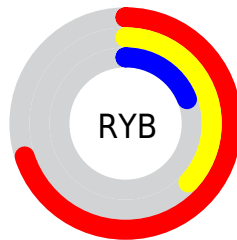
The YUV color **107.5290, -28.8548, 61.8031** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **119.4710, 28.8548, -61.8031**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.7640, -31.9287, 67.7360**, and **55.1800, -26.2177, 55.9701** is the 20% darker color. If you saturate the color by 10%, you get **97.8460, -32.9551, 70.2951**, and if you desaturate by 10%, it is **117.2120, -24.7545, 53.3111**.

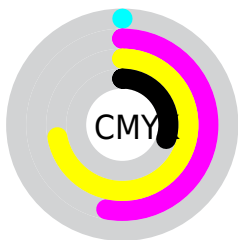
Distribution



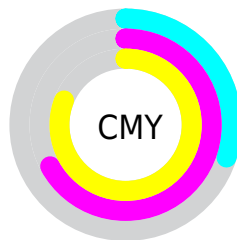
- Red (70%)
- Green (33%)
- Blue (19%)



- Red (70%)
- Yellow (37%)
- Blue (19%)



- Cyan (0%)
- Magenta (53%)
- Yellow (72%)
- Black (30%)




- Cyan (30%)
- Magenta (67%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the YUV color 107.5290, -28.8548, 61.8031 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 107.5290, -28.8548, 61.8031 by changing the saturation by 10% instead.


 107.5290,
-28.8548, 61.8031

 107.5290,
-28.8548, 61.8031


255.0000, 0.0000,
0.0000

 81.2620, -27.2442,
58.5292


 161.7640,
-31.9287, 67.7360

 55.1800, -26.2177,
55.9701


 185.2470,
-31.1808, 61.1734


 29.5570, -14.5716,
53.8855


 204.0600,
-27.6376, 44.6744

 18.5380, -9.1392,
38.1162

 223.5740,
-23.9470, 27.5606

 10.8780, -4.8699,
22.0320

 243.7890,
-20.1090, 9.8320

 0.0000, 0.0000,
0.0000

 252.2640,

-10.4832, 2.3995

■ 107.5290,
-28.8548, 61.8031

■ 107.5290,
-28.8548, 61.8031

■ 97.8460, -32.9551,
70.2951

■ 117.2120,
-24.7545, 53.3111

■ 88.1630, -37.0554,
78.7870

■ 126.8950,
-20.6542, 44.8191

■ 80.8110, -39.8398,
85.2348

■ 136.4640,
-16.9908, 36.4271

■ 146.1470,
-12.8905, 27.9351

■ 156.4170, -9.0796,
18.9283

■ 166.1000, -4.9793,
10.4363

■ 175.7830, -0.8790,
1.9443

■ 185.3520, 2.7845,
-6.4477

■ 195.0350, 6.8847,
-14.9397

Harmonies

Analogous

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



107.4590, -9.1003, 72.3885



107.5290, -28.8548, 61.8031



105.8470, -44.7876, 38.7222

Triad

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



107.5290, -28.8548, 61.8031



86.3420, 0.8174, -75.7219



105.7730, 44.4819, -34.0039

Complementary

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



107.5290, -28.8548, 61.8031



119.4710, 28.8548, -61.8031

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.



93.9580, 50.3067, -82.4012



107.5290, -28.8548, 61.8031



92.7600, 20.3313, -81.3505

Square

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



107.5290, -28.8548, 61.8031



95.8470, -25.0676, -33.1918



95.4450, 38.2346, -83.7053



114.6080, 28.2943, 24.8998

Rectangle

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



107.5290, -28.8548, 61.8031



103.5750, -49.0905, 18.7897



95.4450, 38.2346, -83.7053



89.0170, 54.2216, -78.0679

Sweetspot

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



107.5290, -28.8548, 61.8031



203.8800, -11.2798, 24.6612



98.6290, 23.3539, 69.6084



100.6660, -6.7373, 14.3249



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



107.5290, -28.8548, 61.8031



121.5090, -45.1139, 96.9006



144.5100, -47.0864, 29.3707



84.4520, -2.1948, 3.9886



69.2270, -34.1289, 73.4689



11.8830, -5.8583, 12.3806

Inverse Universe

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



119.4710, 28.8548, -61.8031



140.4910, 45.1139, -96.9006



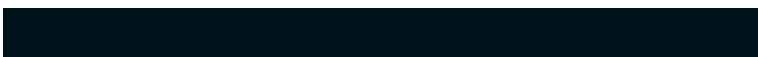
82.4900, 47.0864, -29.3707



85.1350, 1.9054, -4.5034



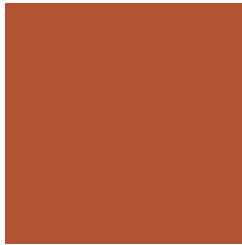
83.7730, 34.1289, -73.4689



14.1170, 5.8583, -12.3806

Previews

White Background



This preview shows how the YUV color 107.5290, -28.8548, 61.8031 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 107.5290, -28.8548, 61.8031 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 107.5290, -28.8548, 61.8031

Background



This preview shows how black text looks on a background with the YUV color 107.5290, -28.8548, 61.8031.



This preview shows how white text looks on a background with the YUV color 107.5290, -28.8548,

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

107.5290, -28.8548, 61.8031

Protanopia

109.1330, -25.2086, 12.1614

Deuteranopia

108.6850, -32.3827, 26.5863



Tritanopia

109.7690, -12.7041, 61.5926

Trichromacy



Original Color

107.5290, -28.8548, 61.8031

Protanomaly

108.3140, -26.2838, 30.4196

Deuteranomaly

108.4030, -31.2577, 39.1116

Tritanomaly

108.5750, -18.5245, 61.7627

Monochromacy



Original Color

107.5290, -28.8548, 61.8031

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

107.7980, -10.2534, 22.1022

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.5290, -28.8548, 61.8031 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(178, 83, 49)` looks like.

```
.text, #text, p{  
    color:rgb(178, 83, 49)  
}
```

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(178, 83, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 83, 49) }
```

Border

The CSS property to change the border of an element to YUV 107.5290, -28.8548, 61.8031 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(178, 83, 49) }
```


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

```
.border{ border-color:rgb(178, 83, 49) }
```

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

Here you see how a box with a 4 pixel rgb(178, 83, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 83, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 83, 49);  
box-shadow:4px 4px 4px 4px rgb(178, 83,  
49) }
```

Background

The CSS property to change the background color of an element to YUV 107.5290, -28.8548, 61.8031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 83, 49) }
```

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

```
.background{ background-color: rgb(178, 83,  
49) }
```

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