

Converting Colors

YUV(58.5000, -28.3475,
39.0265)

Have a look what the booklet for
YUV(58.5000, -28.3475, 39.0265)
contains.

YUV(58.5000, -28.3475, 39.0265)	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(58.5000, -28.3475,
39.0265)**

Conversions

Conversions Part 1

Format	Color
Hex	672F01
RGB	103, 47, 1
RGB Percent	40%, 18%, 0%
CMY	0.5961, 0.8157, 0.9961
CMYK	0.00, 0.54, 0.99, 0.60
HSL	27°, 98%, 20%
HSV	27°, 99%, 40%
XYZ	6.6155, 4.9188, 0.6295
YIQ	58.5000, 48.1420, -2.4340

Conversions

Conversions Part 2

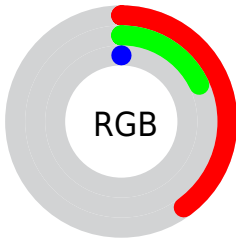
Format	Color
R_YB	103, 85, 1
Decimal	6762241
CIE Lab	26.50, 22.47, 36.69
CIE LCh	27, 43.026, 58.510
Yxy	4.9188, 0.5439, 0.4044
Android (android.graphics.Color)	4284952321 (0xFF672F01)
YUV	58.5000, -28.3475, 39.0265
Hunter-Lab	22.1783, 14.4322, 13.8421

Details

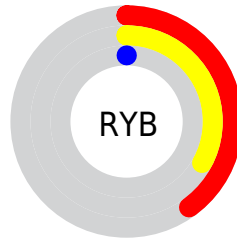
The YUV color **58.5000, -28.3475, 39.0265** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **45.5000, 28.3475, -39.0265**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.3050, -29.2374, 44.4595**, and **16.4120, -8.0911, 28.5797** is the 20% darker color. If you saturate the color by 10%, you get **57.7990, -28.4949, 39.6413**, and if you desaturate by 10%, it is **63.1620, -25.7159, 34.9379**.

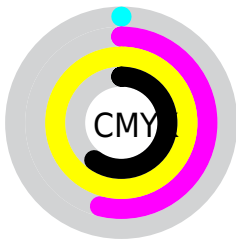
Distribution



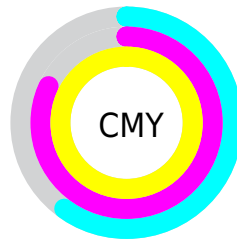
- Red (40%)
- Green (18%)
- Blue (0%)



- Red (40%)
- Yellow (33%)
- Blue (0%)



- Cyan (0%)
- Magenta (54%)
- Yellow (99%)
- Black (60%)





- Cyan (60%)
- Magenta (82%)
- Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 58.5000, -28.3475, 39.0265 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 58.5000, -28.3475, 39.0265 by changing the saturation by 10% instead.


 58.5000, -28.3475,
39.0265


 58.5000, -28.3475,
39.0265


 252.2640,
-10.4832, 2.3995


 37.3990, -18.4377,
33.8531

 108.3050,
-29.2374, 44.4595

 16.4120, -8.0911,
28.5797


 134.2730,
-30.7006, 47.1186

 5.3820, -2.6533,
11.0660

 161.3550,
-31.7270, 49.6777

 0.0000, 0.0000,
0.0000

 189.0240,
-33.0428, 51.7220

 209.9300,
-30.5315, 39.5264

 229.4440,

-26.8409, 22.4126

■ 249.0720,
-22.7135, 5.1989

■ 58.5000, -28.3475,
39.0265

■ 58.5000, -28.3475,
39.0265

■ 57.7990, -28.4949,
39.6413

■ 63.1620, -25.7159,
34.9379

■ 67.3510, -22.3580,
31.2642

■ 72.0130, -19.7264,
27.1756

■ 76.6750, -17.0948,
23.0870

■ 80.8640, -13.7370,
19.4133

■ 85.5260, -11.1053,
15.3247

■ 90.1880, -8.4737,
11.2361

■ 94.2630, -5.5527,
7.6623

■ 99.0390, -2.4842,
3.4738

Harmonies

Analogous

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



57.3550, -11.5140, 53.1857



58.5000, -28.3475, 39.0265



59.4280, -29.2980, 17.1646

Triad

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



58.5000, -28.3475, 39.0265



52.0390, 3.9248, -45.6382



62.8230, 28.6813, -5.9838

Complementary

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



58.5000, -28.3475, 39.0265



45.5000, 28.3475, -39.0265

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.



54.0350, 36.9577, -47.3887



58.5000, -28.3475, 39.0265



55.8010, 18.3391, -48.9375

Square

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



58.5000, -28.3475, 39.0265



46.9890, -10.3476, -41.2094



57.0040, 30.5640, -49.9925



62.6770, 16.9212, 32.7323

Rectangle

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



58.5000, -28.3475, 39.0265



56.6710, -27.9388, 1.1655



57.0040, 30.5640, -49.9925



57.2550, 33.3983, -25.6566

Sweetspot

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



58.5000, -28.3475, 39.0265



117.5260, -11.1053, 15.3247



37.8820, 9.4252, 57.1085



57.9320, -6.8685, 9.7066



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



58.5000, -28.3475, 39.0265



76.1720, -37.5528, 51.5922



88.4370, -43.1064, 12.7718



48.6690, -1.3158, 2.0443



64.9090, -32.0001, 43.9298



136.3410, -67.2161, 92.6629

Inverse Universe

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



45.5000, 28.3475, -39.0265



58.8280, 37.5528, -51.5922



15.5630, 43.1064, -12.7718



48.3310, 1.3158, -2.0443



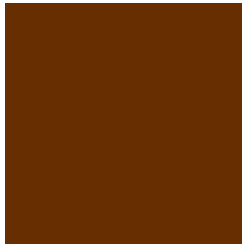
50.0910, 32.0001, -43.9298



105.6590, 67.2161, -92.6629

Previews

White Background



This preview shows how the YUV color 58.5000, -28.3475, 39.0265 looks on a white background.

Color Contrast Check

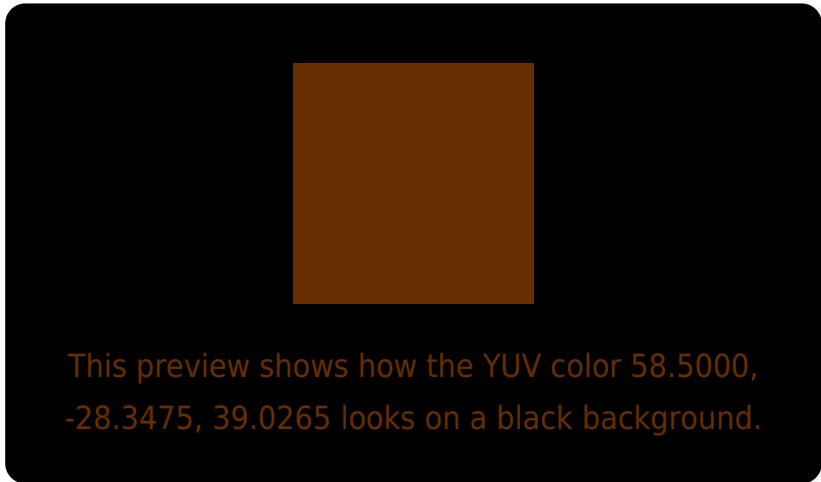
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

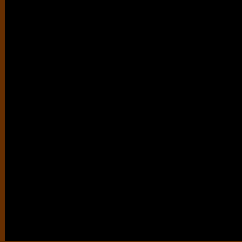
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 58.5000, -28.3475, 39.0265

Background



This preview shows how black text looks on a background with the YUV color 58.5000, -28.3475, 39.0265.



This preview shows how white text looks on a background with the YUV color 58.5000, -28.3475,

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

58.5000, -28.3475, 39.0265

Protanopia

60.2360, -24.7663, 10.3170

Deuteranopia

59.1400, -29.1560, 18.2942



Tritanopia

62.2820, -7.5340, 36.5867

Trichromacy



Original Color

58.5000, -28.3475, 39.0265

Protanomaly

59.6610, -25.9619, 20.4683

Deuteranomaly

58.5970, -28.8883, 25.7864

Tritanomaly

60.9310, -15.2490, 37.7715

Monochromacy



Original Color

58.5000, -28.3475, 39.0265

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

59.0420, -10.3737, 13.9952

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.5000, -28.3475, 39.0265 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(103, 47, 1)` looks like.

```
.text, #text, p{  
    color:rgb(103, 47, 1)  
}
```

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(103, 47, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 47, 1) }
```

Border

The CSS property to change the border of an element to YUV 58.5000, -28.3475, 39.0265 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(103, 47, 1) }
```


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

```
.border{ border-color:rgb(103, 47, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 47, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 47, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 47, 1);  
box-shadow:4px 4px 4px 4px rgb(103, 47, 1)  
}
```

Background

The CSS property to change the background color of an element to YUV 58.5000, -28.3475, 39.0265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 47, 1) }
```

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

```
.background{ background-color: rgb(103, 47,  
1) }
```

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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