

Converting Colors

YUV(65.3040, -27.7579,
36.5674)

Have a look what the booklet for
YUV(65.3040, -27.7579, 36.5674)
contains.

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Color

**YUV(65.3040, -27.7579,
36.5674)**

Conversions

Conversions Part 1

Format	Color
Hex	6B3709
RGB	107, 55, 9
RGB Percent	42%, 22%, 4%
CMY	0.5804, 0.7843, 0.9647
CMYK	0.00, 0.49, 0.92, 0.58
HSL	28°, 84%, 23%
HSV	28°, 92%, 42%
XYZ	7.4789, 5.8779, 0.9988
YIQ	65.3040, 45.7580, -3.2820

Conversions

Conversions Part 2

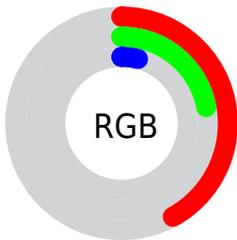
Format	Color
RYB	107, 96, 9
Decimal	7026441
CIELab	29.10, 19.85, 35.90
CIELCh	29, 41.019, 61.056
Yxy	5.8779, 0.5210, 0.4094
Android (android.graphics.Color)	4285216521 (0xFF6B3709)
YUV	65.3040, -27.7579, 36.5674
Hunter-Lab	24.2444, 12.6360, 14.5285

Details

The YUV color **65.3040, -27.7579, 36.5674** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **50.6960, 27.7579, -36.5674**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.5820, -29.3739, 41.5856**, and **22.8910, -11.2853, 26.4056** is the 20% darker color. If you saturate the color by 10%, you get **61.3430, -30.2421, 40.0412**, and if you desaturate by 10%, it is **70.0800, -24.6894, 32.3788**.

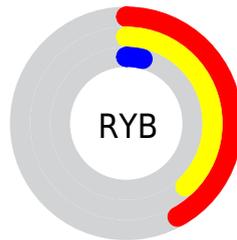
Distribution



Red (42%)

Green (22%)

Blue (4%)



Red (42%)

Yellow (38%)

Blue (4%)

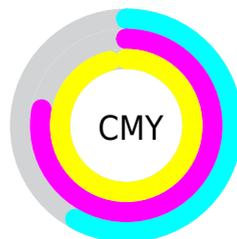


Cyan (0%)

Magenta (49%)

Yellow (92%)

Black (58%)



Cyan (58%)

Magenta (78%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.3040, -27.7579, 36.5674 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 65.3040, -27.7579, 36.5674 by changing the saturation by 10% instead.

 65.3040, -27.7579,
36.5674

 65.3040, -27.7579,
36.5674

 253.2900, -6.5520,
1.4997

 43.2910, -21.3425,
32.1938

 115.5820,
-29.3739, 41.5856

 22.8910, -11.2853,
26.4056

 141.6640,
-30.4004, 44.1447

 9.0840, -3.9854,
18.3433

 168.3330,
-31.7162, 46.1890

 0.0000, 0.0000,
0.0000

 196.1160,
-32.5952, 48.1333

 216.1250,
-29.6416, 34.0934

 236.3400,

-25.8036, 16.3648

■ 249.9840,
-19.2191, 4.3990

■ 65.3040, -27.7579,
36.5674

■ 65.3040, -27.7579,
36.5674

■ 61.3430, -30.2421,
40.0412

■ 70.0800, -24.6894,
32.3788

■ 74.1550, -21.7684,
28.8051

■ 78.9310, -18.7000,
24.6165

■ 83.7070, -15.6316,
20.4280

■ 87.8960, -12.2737,
16.7542

■ 92.5580, -9.6421,
12.6656

■ 97.3340, -6.5737,
8.4771

■ 101.5230, -3.2158,
4.8033

■ 106.1850, -0.5842,
0.7148

Harmonies

Analogous

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



64.8770, -13.2504, 50.0969



65.3040, -27.7579, 36.5674



64.4340, -31.7660, 15.4054

Triad

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



65.3040, -27.7579, 36.5674



56.5870, 6.1196, -49.6268



69.8730, 26.1916, -0.7656

Complementary

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



65.3040, -27.7579, 36.5674



50.6960, 27.7579, -36.5674

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.



57.3120, 36.8212, -50.2626



65.3040, -27.7579, 36.5674



60.2350, 20.0971, -52.8261

Square

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



65.3040, -27.7579, 36.5674



51.6510, -7.7159, -45.2979



61.0960, 31.0117, -53.5812



69.2210, 15.1740, 33.1322

Rectangle

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



65.3040, -27.7579, 36.5674



61.9760, -30.5542, 0.0210



61.0960, 31.0117, -53.5812



66.5120, 30.3136, -16.2350

Sweetspot

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



65.3040, -27.7579, 36.5674



123.9280, -10.8105, 14.0951



44.2300, 8.2676, 55.0493



61.4480, -6.1369, 8.3771



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



65.3040, -27.7579, 36.5674



80.6020, -39.7368, 52.0920



94.0670, -41.9380, 11.3422



51.5550, -1.7526, 2.1443



67.2680, -33.1631, 43.6150



140.7600, -69.3947, 91.4185

Inverse Universe

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



50.6960, 27.7579, -36.5674



59.3980, 39.7368, -52.0920



21.9330, 41.9380, -11.3422



50.4450, 1.7526, -2.1443



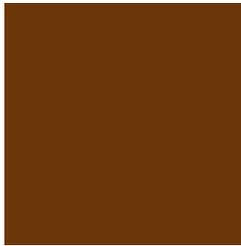
49.7320, 33.1631, -43.6150



104.2400, 69.3947, -91.4185

Previews

White Background



This preview shows how the YUV color 65.3040, -27.7579, 36.5674 looks on a white background.

Color Contrast Check

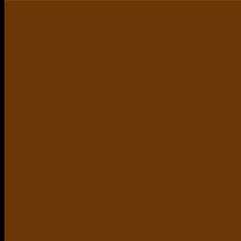
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 65.3040, -27.7579, 36.5674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

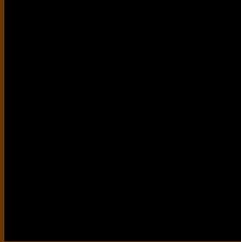
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 65.3040, -27.7579, 36.5674

Background



This preview shows how black text looks on a background with the YUV color 65.3040, -27.7579, 36.5674.



This preview shows how white text looks on a background with the YUV color 65.3040, -27.7579,

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

65.3040, -27.7579, 36.5674

Protanopia

65.8940, -26.0767, 10.6170

Deuteranopia

65.0540, -32.0716, 20.1236



Tritanopia

68.7980, -6.8024, 35.2572

Trichromacy



Original Color

65.3040, -27.7579, 36.5674

Protanomaly

66.1340, -26.6881, 20.0535

Deuteranomaly

65.1410, -30.6355, 26.1863

Tritanomaly

67.1480, -14.3700, 35.8272

Monochromacy



Original Color

65.3040, -27.7579, 36.5674

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

64.8570, -9.7895, 13.2804

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.3040, -27.7579, 36.5674 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(107, 55, 9)` looks like.

```
.text, #text, p{  
    color:rgb(107, 55, 9)  
}
```

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(107, 55, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 55, 9) }
```

Border

The CSS property to change the border of an element to YUV 65.3040, -27.7579, 36.5674 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(107, 55, 9) }
```

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

```
.border{ border-color:rgb(107, 55, 9) }
```

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

Here you see how a box with a 4 pixel rgb(107, 55, 9) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 55, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 55, 9);  
box-shadow:4px 4px 4px 4px rgb(107, 55, 9)  
}
```

Background

The CSS property to change the background color of an element to YUV 65.3040, -27.7579, 36.5674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 55, 9) }
```

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

```
.background{ background-color: rgb(107, 55,  
9) }
```

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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