

Converting Colors

YUV(35.3270, -5.5842, 64.6112)

Have a look what the booklet for
YUV(35.3270, -5.5842, 64.6112)
contains.

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Color

**YUV(35.3270, -5.5842,
64.6112)**

Conversions

Conversions Part 1

Format	Color
Hex	6D0018
RGB	109, 0, 24
RGB Percent	43%, 0%, 9%
CMY	0.5725, 1.0000, 0.9059
CMYK	0.00, 1.00, 0.78, 0.57
HSL	347°, 100%, 21%
HSV	347°, 100%, 43%
XYZ	6.4715, 3.3172, 1.1633
YIQ	35.3270, 57.2600, 30.5720

Conversions

Conversions Part 2

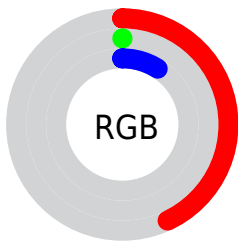
Format	Color
RYB	109, 0, 24
Decimal	7143448
CIELab	21.27, 43.52, 20.21
CIElCh	21, 47.981, 24.913
Yxy	3.3172, 0.5909, 0.3029
Android (android.graphics.Color)	4285333528 (0xFF6D0018)
YUV	35.3270, -5.5842, 64.6112
Hunter-Lab	18.2131, 31.5525, 8.9621

Details

The YUV color **35.3270, -5.5842, 64.6112** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **73.6730, 5.5842, -64.6112**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.9650, -13.2937, 64.0517**, and **16.5590, -7.6706, 33.7128** is the 20% darker color. If you saturate the color by 10%, you get **35.3270, -5.5842, 64.6112**, and if you desaturate by 10%, it is **42.8100, -4.8363, 58.0486**.

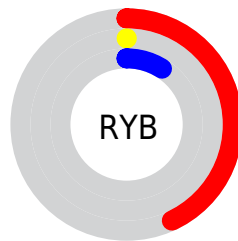
Distribution



Red (43%)

Green (0%)

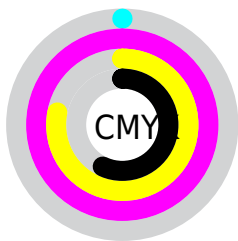
Blue (9%)



Red (43%)

Yellow (0%)

Blue (9%)

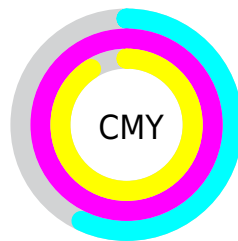


Cyan (0%)

Magenta (100%)

Yellow (78%)

Black (57%)



Cyan (57%)


Magenta (100%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the YUV color 35.3270, -5.5842, 64.6112 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 35.3270, -5.5842, 64.6112 by changing the saturation by 10% instead.


 35.3270, -5.5842,
64.6112


 35.3270, -5.5842,
64.6112


 253.8430, -1.8946,
1.0147

 24.2190, -11.9400,
49.7969


 93.9650, -13.2937,
64.0517


 16.5590, -7.6706,
33.7128


 120.5200,
-15.0464, 66.1960

 4.4850, -2.2111,
9.2217

 147.6020,
-16.0728, 68.7550


 0.0000, 0.0000,
0.0000


 174.9720,
-17.2412, 70.1846


 193.7850,
-13.6980, 53.6856


 213.4130, -9.5706,


36.4718


 233.5140, -6.1694,
18.8432


 35.3270, -5.5842,
64.6112

 42.8100, -4.8363,
58.0486

 50.1790, -4.5252,
51.5860

 57.6620, -3.7774,
45.0234

 65.0310, -3.4663,
38.5608

 72.5140, -2.7184,
31.9982

■ 79.2960, -2.1179,
26.0504

■ 86.7790, -1.3700,
19.4878

■ 94.1480, -1.0590,
13.0252

■ 101.6310, -0.3111,
6.4626

Harmonies

Analogous

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



39.0180, 9.8511, 60.4972



35.3270, -5.5842, 64.6112



46.0150, -22.6854, 42.9598

Triad

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



35.3270, -5.5842, 64.6112



37.2090, -17.3580, -32.6323



48.0680, 36.9415, -42.1556

Complementary

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



35.3270, -5.5842, 64.6112



73.6730, 5.5842, -64.6112

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.



49.9940, 29.0900, -43.8447



35.3270, -5.5842, 64.6112



43.1710, 0.4087, -37.8610

Square

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



35.3270, -5.5842, 64.6112



44.8100, -22.0913, -7.7264



47.8620, 15.8440, -41.9750



46.5270, 34.2502, -18.8792

Rectangle

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



35.3270, -5.5842, 64.6112



48.5630, -23.9416, 25.8162



47.8620, 15.8440, -41.9750



48.9000, 35.0523, -42.8853

Sweetspot

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



35.3270, -5.5842, 64.6112



113.8830, -2.4073, 25.5356



37.5420, 35.2288, 40.7437



54.0450, -1.5012, 14.8695



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.



35.3270, -5.5842, 64.6112



46.2910, -7.5385, 84.8138



49.6140, -24.4597, 52.0815



49.9080, -0.4476, 3.5887



37.9470, -5.8899, 69.3295



79.4110, -12.5276, 145.2216

Inverse Universe

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



35.3270, -5.5842, 64.6112



46.2910, -7.5385, 84.8138



59.3860, 24.4597, -52.0815



49.9080, -0.4476, 3.5887



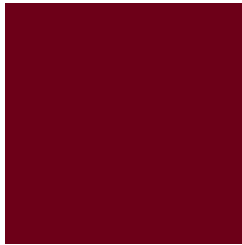
37.9470, -5.8899, 69.3295



79.4110, -12.5276, 145.2216

Previews

White Background



This preview shows how the YUV color 35.3270, -5.5842, 64.6112 looks on a white background.

Color Contrast Check

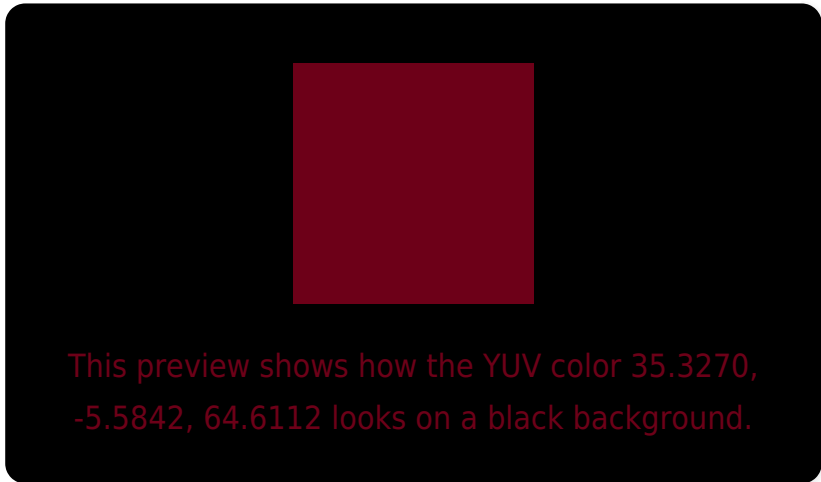
Large Text (above 18pt) WCAG AA ✓ Pass

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

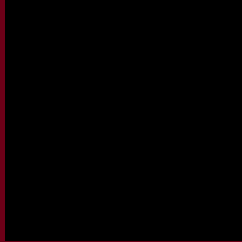
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 35.3270, -5.5842, 64.6112

Background



This preview shows how black text looks on a background with the YUV color 35.3270, -5.5842, 64.6112.



This preview shows how white text looks on a background with the YUV color 35.3270, -5.5842,

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

35.3270, -5.5842, 64.6112

Protanopia

54.4430, -8.5994, 4.8735

Deuteranopia

53.0930, -17.7938, 13.9504



Tritanopia

38.9170, -17.2141, 61.4628

Trichromacy



Original Color

35.3270, -5.5842, 64.6112

Protanomaly

47.5150, -7.6489, 26.7353

Deuteranomaly

46.7670, -13.1961, 32.6533

Tritanomaly

37.3670, -12.9989, 62.8221

Monochromacy



Original Color

35.3270, -5.5842, 64.6112

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

34.9860, -1.9651, 23.6913

CSS Examples

Text

The CSS property to change the color of the text to YUV 35.3270, -5.5842, 64.6112 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(109, 0, 24)` looks like.

```
.text, #text, p{  
    color:rgb(109, 0, 24)  
}
```

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(109, 0, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 0, 24) }
```

Border

The CSS property to change the border of an element to YUV 35.3270, -5.5842, 64.6112 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(109, 0, 24) }
```


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

```
.border{ border-color:rgb(109, 0, 24) }
```

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

Here you see how a box with a 4 pixel rgb(109, 0, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 0, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 0, 24);  
box-shadow:4px 4px 4px 4px rgb(109, 0, 24)  
}
```

Background

The CSS property to change the background color of an element to YUV 35.3270, -5.5842, 64.6112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 0, 24) }
```

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

```
.background{ background-color: rgb(109, 0,  
24) }
```

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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