

Converting Colors

YUV(35.5100, -16.5204,
72.3437)

Have a look what the booklet for
YUV(35.5100, -16.5204, 72.3437)
contains.

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Color

**YUV(35.5100, -16.5204,
72.3437)**

Conversions

Conversions Part 1

Format	Color
Hex	760002
RGB	118, 0, 2
RGB Percent	46%, 0%, 1%
CMY	0.5373, 1.0000, 0.9922
CMYK	0.00, 1.00, 0.98, 0.54
HSL	359°, 100%, 23%
HSV	359°, 100%, 46%
XYZ	7.4822, 3.8559, 0.4073
YIQ	35.5100, 69.6860, 25.6380

Conversions

Conversions Part 2

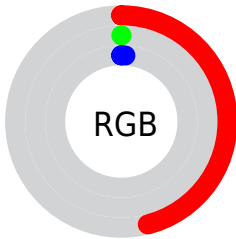
Format	Color
R_YB	118, 0, 2
Decimal	7733250
CIE Lab	23.19, 45.37, 34.16
CIE LCh	23, 56.789, 36.973
Yxy	3.8559, 0.6370, 0.3283
Android (android.graphics.Color)	4285923330 (0xFF760002)
YUV	35.5100, -16.5204, 72.3437
Hunter-Lab	19.6365, 33.6505, 12.5156

Details

The YUV color **35.5100, -16.5204, 72.3437** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **82.4900, 16.5204, -72.3437**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.2620, -23.7932, 71.6842**, and **18.3530, -8.5550, 37.4014** is the 20% darker color. If you saturate the color by 10%, you get **35.5100, -16.5204, 72.3437**, and if you desaturate by 10%, it is **43.9220, -14.7515, 64.9664**.

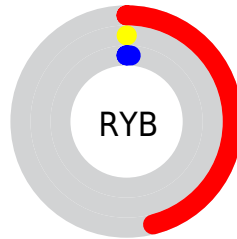
Distribution



Red (46%)

Green (0%)

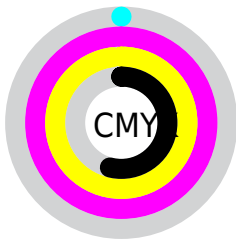
Blue (1%)



Red (46%)

Yellow (0%)

Blue (1%)

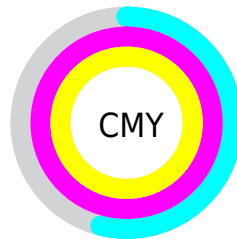


Cyan (0%)

Magenta (100%)

Yellow (98%)

Black (54%)



Cyan (54%)


Magenta (100%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the YUV color 35.5100, -16.5204, 72.3437 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 35.5100, -16.5204, 72.3437 by changing the saturation by 10% instead.


 35.5100, -16.5204,
72.3437


 35.5100, -16.5204,
72.3437


 251.9220,
-11.7935, 2.6994

 26.6110, -13.1192,
54.7152

 96.2620, -23.7932,
71.6842

 18.3530, -8.5550,
37.4014


 123.1160,
-25.6932, 74.4433

 9.0840, -3.9854,
18.3433

 150.9700,
-27.5932, 77.2023


 0.0000, 0.0000,
0.0000


 174.4530,
-26.8453, 70.6397


 193.2660,
-23.3021, 54.1407


 212.6660,


-20.0483, 37.1269


 232.8810,
-16.2103, 19.3984


 35.5100, -16.5204,
72.3437

 43.9220, -14.7515,
64.9664

 52.2200, -13.4195,
57.6891

 60.0450, -11.3612,
50.8265

 68.3430, -10.0291,
43.5492

 76.7550, -8.2602,
36.1719

■ 85.1670, -6.4913,
28.7945

■ 93.4650, -5.1592,
21.5172

■ 101.2900, -3.1010,
14.6547

■ 109.5880, -1.7689,
7.3773

Harmonies

Analogous

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



43.1460, 2.3930, 72.6630



35.5100, -16.5204, 72.3437



51.5860, -25.4319, 37.1971

Triad

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



35.5100, -16.5204, 72.3437



43.1420, -12.3950, -37.8355



50.7070, 44.5144, -44.4700

Complementary

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



35.5100, -16.5204, 72.3437



82.4900, 16.5204, -72.3437

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.



55.8930, 38.9998, -49.0182



35.5100, -16.5204, 72.3437



49.6740, 7.5557, -43.5641

Square

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



35.5100, -16.5204, 72.3437



39.6390, -19.5420, -32.1324



54.3480, 25.4644, -47.6632



54.6920, 34.1688, 7.2861

Rectangle

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



35.5100, -16.5204, 72.3437



52.3510, -25.8090, 18.1092



54.3480, 25.4644, -47.6632



53.1690, 43.7937, -46.6292

Sweetspot

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



35.5100, -16.5204, 72.3437



120.8680, -6.3439, 28.1798



47.5380, 34.7378, 58.2872



57.3720, -4.1274, 17.2138



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



35.5100, -16.5204, 72.3437



46.0890, -21.2429, 93.7609



67.5670, -33.3105, 44.2297



54.7940, -0.8844, 3.6887



36.7060, -17.1101, 74.8028



75.2060, -35.1046, 153.2943

Inverse Universe

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



35.5100, -16.5204, 72.3437



46.0890, -21.2429, 93.7609



50.4330, 33.3105, -44.2297



54.7940, -0.8844, 3.6887



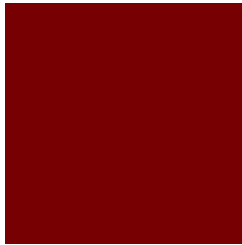
36.7060, -17.1101, 74.8028



75.2060, -35.1046, 153.2943

Previews

White Background



This preview shows how the YUV color 35.5100, -16.5204, 72.3437 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

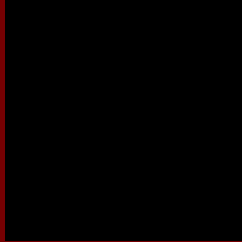
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 35.5100, -16.5204, 72.3437

Background



This preview shows how black text looks on a background with the YUV color 35.5100, -16.5204, 72.3437.



This preview shows how white text looks on a background with the YUV color 35.5100, -16.5204,

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

35.5100, -16.5204, 72.3437

Protanopia

56.9630, -20.6878, 8.8024

Deuteranopia

55.8840, -27.5508, 16.7647



Tritanopia

41.4400, -20.4299, 66.2661

Trichromacy



Original Color

35.5100, -16.5204, 72.3437

Protanomaly

49.1600, -19.3059, 32.3087

Deuteranomaly

48.4550, -23.3953, 37.3120

Tritanomaly

39.2060, -18.8356, 68.2253

Monochromacy



Original Color

35.5100, -16.5204, 72.3437

Achromatopsia

36.0000, 0.0000, 0.0000

Achromatomaly

35.9710, -5.9017, 26.3354

CSS Examples

Text

The CSS property to change the color of the text to YUV 35.5100, -16.5204, 72.3437 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(118, 0, 2)` looks like.

```
.text, #text, p{  
    color:rgb(118, 0, 2)  
}
```

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(118, 0, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 0, 2) }
```

Border

The CSS property to change the border of an element to YUV 35.5100, -16.5204, 72.3437 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(118, 0, 2) }
```


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

```
.border{ border-color:rgb(118, 0, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 0, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 0, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(118, 0, 2); box-shadow:4px  
4px 4px 4px rgb(118, 0, 2) }
```

Background

The CSS property to change the background color of an element to YUV 35.5100, -16.5204, 72.3437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 0, 2) }
```

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

```
.background{ background-color: rgb(118, 0,  
2) }
```

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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