

Converting Colors

YUV(35.2310, 3.3371, 49.7864)

Have a look what the booklet for
YUV(35.2310, 3.3371, 49.7864)
contains.

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Color

**YUV(35.2310, 3.3371,
49.7864)**

Conversions

Conversions Part 1

Format	Color
Hex	5C052A
RGB	92, 5, 42
RGB Percent	36%, 2%, 16%
CMY	0.6392, 0.9804, 0.8353
CMYK	0.00, 0.95, 0.54, 0.64
HSL	334°, 90%, 19%
HSV	334°, 95%, 36%
XYZ	4.8858, 2.5510, 2.4254
YIQ	35.2310, 39.9750, 29.9510

Conversions

Conversions Part 2

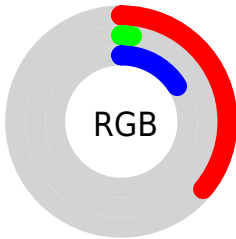
Format	Color
RYB	92, 5, 42
Decimal	6030634
CIELab	18.15, 38.72, 2.60
CIElCh	18, 38.809, 3.845
Yxy	2.5510, 0.4954, 0.2587
Android (android.graphics.Color)	4284220714 (0xFF5C052A)
YUV	35.2310, 3.3371, 49.7864
Hunter-Lab	15.9719, 26.6525, 2.1770

Details

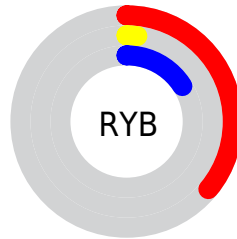
The YUV color **35.2310, 3.3371, 49.7864** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **61.7690, -3.3371, -49.7864**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **89.3790, -1.1728, 49.6566**, and **12.9710, -5.9017, 26.3354** is the 20% darker color. If you saturate the color by 10%, you get **31.9540, 3.4737, 52.6603**, and if you desaturate by 10%, it is **41.0840, 2.9166, 44.6533**.

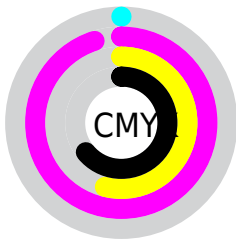
Distribution



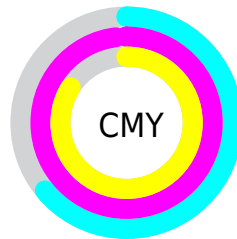
- Red (36%)
- Green (2%)
- Blue (16%)



- Red (36%)
- Yellow (2%)
- Blue (16%)



- Cyan (0%)
- Magenta (95%)
- Yellow (54%)
- Black (64%)



- Cyan (64%)
- Magenta (98%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 35.2310, 3.3371, 49.7864 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 35.2310, 3.3371, 49.7864 by changing the saturation by 10% instead.

35.2310, 3.3371,
49.7864

35.2310, 3.3371,
49.7864

252.6520, 1.1576,
2.0592

22.2420, -0.1193,
38.3758

89.3790, -1.1728,
49.6566

12.9710, -5.9017,
26.3354

115.4610, -2.1993,
52.2157

0.0000, 0.0000,
0.0000

142.0590, -2.4941,
53.4453


168.9560, -2.9363,
55.2896

194.7600, -2.3467,
52.8305

214.3880, 1.7807,

35.6167


 234.6030, 5.6187,
17.8882

 35.2310, 3.3371,
49.7864

 35.2310, 3.3371,
49.7864


 31.9540, 3.4737,
52.6603

 41.0840, 2.9166,
44.6533

 47.0510, 2.9329,
39.4203

 53.4910, 2.2229,
33.7724

 59.3440, 1.8024,
28.6393

 65.1970, 1.3819,
23.5062

■ 71.1640, 1.3981,
18.2732

■ 77.0170, 0.9776,
13.1401

■ 83.4570, 0.2677,
7.4922

■ 89.4240, 0.2840,
2.2592

Harmonies

Analogous

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



42.4660, 13.5743, 32.9173



35.2310, 3.3371, 49.7864



38.1860, -11.9237, 44.5639

Triad

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



35.2310, 3.3371, 49.7864



37.4120, -18.4441, -10.8853



42.5280, 25.8687, -37.2971

Complementary

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



35.2310, 3.3371, 49.7864



61.7690, -3.3371, -49.7864

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.



41.4220, 16.5540, -36.3271



35.2310, 3.3371, 49.7864



34.3370, -8.0541, -30.1135

Square

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



35.2310, 3.3371, 49.7864



41.6750, -20.5458, 9.9320



38.2300, 4.3236, -33.5277



39.1030, 30.5152, -34.2933

Rectangle

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



35.2310, 3.3371, 49.7864



40.6550, -20.0429, 35.3826



38.2300, 4.3236, -33.5277



42.5450, 23.3953, -37.3120

Sweetspot

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



35.2310, 3.3371, 49.7864



97.8760, 1.5401, 19.4027



29.5690, 30.7785, 21.4260



47.3050, 0.8356, 12.0105



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



35.2310, 3.3371, 49.7864



41.6940, 4.5879, 68.6744



34.5350, -14.5608, 50.3968



42.7230, 0.1366, 2.8739



38.2480, 4.3147, 62.9265



82.3770, 9.1811, 135.6044

Inverse Universe

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



35.2310, 3.3371, 49.7864



41.6940, 4.5879, 68.6744



62.4650, 14.5608, -50.3968



42.7230, 0.1366, 2.8739



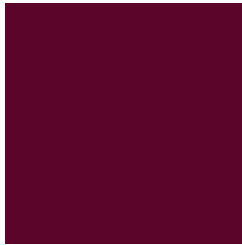
38.2480, 4.3147, 62.9265



82.3770, 9.1811, 135.6044

Previews

White Background



This preview shows how the YUV color 35.2310, 3.3371, 49.7864 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

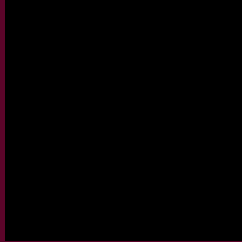
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 35.2310, 3.3371, 49.7864

Background



This preview shows how black text looks on a background with the YUV color 35.2310, 3.3371, 49.7864.



This preview shows how white text looks on a background with the YUV color 35.2310, 3.3371,

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

35.2310, 3.3371, 49.7864

Protanopia

47.6990, 6.5574, -3.2440

Deuteranopia

48.0780, -4.9685, 6.9476



Tritanopia

39.1260, -10.9081, 45.4935

Trichromacy



Original Color

35.2310, 3.3371, 49.7864

Protanomaly

43.1790, 5.3348, 15.6290

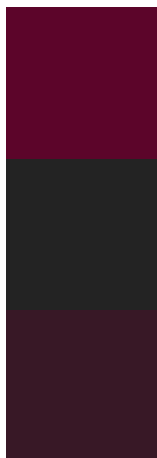
Deuteranomaly

43.2740, -2.1071, 22.5617

Tritanomaly

37.8040, -5.8194, 46.6529

Monochromacy



Original Color

35.2310, 3.3371, 49.7864

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

35.1640, 1.3981, 18.2732

CSS Examples

Text

The CSS property to change the color of the text to YUV 35.2310, 3.3371, 49.7864 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(92, 5, 42)` looks like.

```
.text, #text, p{  
    color:rgb(92, 5, 42)  
}
```

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(92, 5, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 5, 42) }
```

Border

The CSS property to change the border of an element to YUV 35.2310, 3.3371, 49.7864 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(92, 5, 42) }
```


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

```
.border{ border-color:rgb(92, 5, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 5, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 5, 42); -webkit-box-shadow:4px  
4px 4px 4px rgb(92, 5, 42); box-shadow:4px  
4px 4px 4px rgb(92, 5, 42) }
```

Background

The CSS property to change the background color of an element to YUV 35.2310, 3.3371, 49.7864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 5, 42) }
```

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

```
.background{ background-color: rgb(92, 5,  
42) }
```

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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