

Converting Colors

YUV(35.9950, 7.8905, 35.9614)

Have a look what the booklet for
YUV(35.9950, 7.8905, 35.9614)
contains.

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Color

**YUV(35.9950, 7.8905,
35.9614)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 4D0C34 |
| RGB | 77, 12, 52 |
| RGB Percent | 30%, 5%, 20% |
| CMY | 0.6980, 0.9529, 0.7961 |
| CMYK | 0.00, 0.84, 0.32, 0.70 |
| HSL | 323°, 73%, 17% |
| HSV | 323°, 84%, 30% |
| XYZ | 3.8119, 2.0887, 3.4511 |
| YIQ | 35.9950, 25.9000, 26.2200 |

Conversions

Conversions Part 2

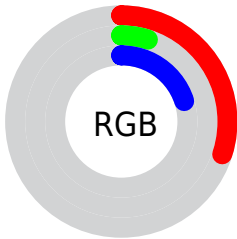
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 77, 12, 52 |
| Decimal | 5049396 |
| CIE _{Lab} | 15.95, 33.45, -8.21 |
| CIE _{LCh} | 16, 34.444, 346.202 |
| Yxy | 2.0887, 0.4076, 0.2233 |
| Android (android.graphics.Color) | 4283239476 (0xFF4D0C34) |
| YUV | 35.9950, 7.8905, 35.9614 |
| Hunter-Lab | 14.4522, 21.7894, -4.0414 |




Details

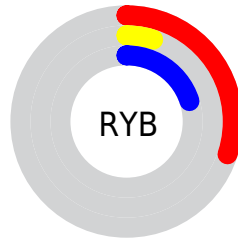
The YUV color **35.9950, 7.8905, 35.9614** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **53.0050, -7.8905, -35.9614**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **86.1370, 5.8485, 37.5909**, and **9.1270, -2.5276, 17.4286** is the 20% darker color. If you saturate the color by 10%, you get **30.9570, 8.8952, 40.3797**, and if you desaturate by 10%, it is **41.0330, 6.8857, 31.5431**.

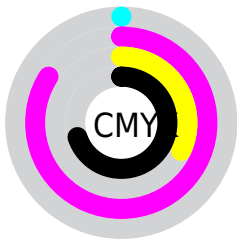
Distribution







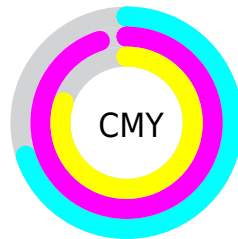
-  Red (30%)
-  Green (5%)
-  Blue (20%)






-  Red (30%)
-  Yellow (5%)
-  Blue (20%)



-  Cyan (0%)
-  Magenta (84%)
-  Yellow (32%)
-  Black (70%)



-  Cyan (70%)
-  Magenta (95%)
-  Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the YUV color 35.9950, 7.8905, 35.9614 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 35.9950, 7.8905, 35.9614 by changing the saturation by 10% instead.


 35.9950, 7.8905,
35.9614


 35.9950, 7.8905,
35.9614

 251.4780, 1.7363,
3.0888

 19.3810, 5.7282,
29.4839

 86.1370, 5.8485,
37.5909

 9.1270, -2.5276,
17.4286

 111.7350, 5.5536,
38.8204

 0.0000, 0.0000,
0.0000

 137.4470, 5.6956,
39.9500


 164.4580, 5.6902,
41.6943

 192.0560, 5.3954,
42.9239

 215.2830, 7.7485,


34.8318


 235.0420, 9.8393,
17.5032

 35.9950, 7.8905,
35.9614


 35.9950, 7.8905,
35.9614


 30.9570, 8.8952,
40.3797

 41.0330, 6.8857,
31.5431

 28.3810, 9.1792,
42.6389

 45.4840, 6.1704,
27.6395

 50.5220, 5.1657,
23.2212

 55.5600, 4.1609,
18.8029

 60.5980, 3.1562,
14.3846

■ 65.0490, 2.4408,
10.4810

■ 70.0870, 1.4361,
6.0627

■ 75.1250, 0.4314,
1.6444

■ 79.5760, -0.2840,
-2.2592

Harmonies

Analogous

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



40.7410, 16.3967, 14.2591



35.9950, 7.8905, 35.9614



33.5800, -2.7509, 42.4643

Triad

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



35.9950, 7.8905, 35.9614



36.6030, -18.0453, 1.2252



37.3130, 18.5797, -32.7235

Complementary

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



35.9950, 7.8905, 35.9614



53.0050, -7.8905, -35.9614

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.



35.3920, 8.6807, -31.0388



35.9950, 7.8905, 35.9614



29.6820, -14.6332, -19.8921

Square

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



35.9950, 7.8905, 35.9614



37.5990, -18.5363, 18.7687



32.4280, -2.6760, -28.4394



37.0340, 25.1262, -32.4788

Rectangle

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



35.9950, 7.8905, 35.9614



35.0280, -12.3388, 37.6864



32.4280, -2.6760, -28.4394



37.1020, 15.2327, -32.5385

Sweetspot

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



35.9950, 7.8905, 35.9614



83.8860, 3.0142, 13.2550



26.8850, 24.7067, 8.8709



41.5110, 1.7201, 8.3219



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



35.9950, 7.8905, 35.9614



36.5550, 12.0514, 54.7643



32.3470, -6.0871, 39.1607



35.5380, 0.7208, 2.1592



37.6800, 12.4828, 56.4086



84.8440, 27.6849, 127.3018

Inverse Universe

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



35.9950, 7.8905, 35.9614



36.5550, 12.0514, 54.7643



56.6530, 6.0871, -39.1607



35.5380, 0.7208, 2.1592



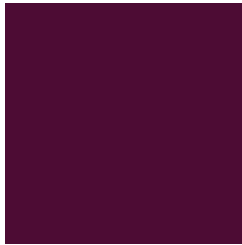
37.6800, 12.4828, 56.4086



84.8440, 27.6849, 127.3018

Previews

White Background



This preview shows how the YUV color 35.9950, 7.8905, 35.9614 looks on a white background.

Color Contrast Check

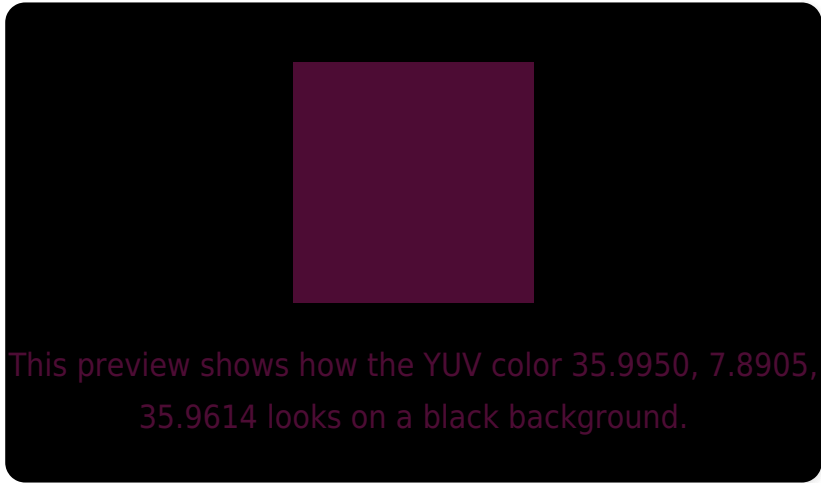
Large Text (above 18pt) WCAG AA ✓ Pass

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

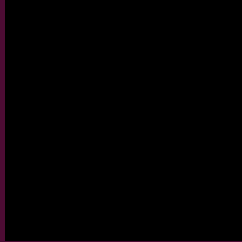
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 35.9950, 7.8905, 35.9614

Background



This preview shows how black text looks on a background with the YUV color 35.9950, 7.8905, 35.9614.



This preview shows how white text looks on a background with the YUV color 35.9950, 7.8905,

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

35.9950, 7.8905, 35.9614

Protanopia

40.9460, 15.3096, -10.4766

Deuteranopia

42.5100, 3.1996, 0.4297



Tritanopia

38.6620, -7.2284, 31.8684

Trichromacy



Original Color

35.9950, 7.8905, 35.9614

Protanomaly

38.7740, 12.9294, 6.3372

Deuteranomaly

39.7550, 5.0508, 13.3699

Tritanomaly

37.7530, -1.8502, 33.5426

Monochromacy



Original Color

35.9950, 7.8905, 35.9614

Achromatopsia

36.0000, 0.0000, 0.0000

Achromatomaly

35.8860, 3.0142, 13.2550

CSS Examples

Text

The CSS property to change the color of the text to YUV 35.9950, 7.8905, 35.9614 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(77, 12, 52)` looks like.

```
.text, #text, p{  
    color:rgb(77, 12, 52)  
}
```

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(77, 12, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 12, 52) }
```

Border

The CSS property to change the border of an element to YUV 35.9950, 7.8905, 35.9614 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(77, 12, 52) }
```


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

```
.border{ border-color:rgb(77, 12, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 12, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 12, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 12, 52);  
box-shadow:4px 4px 4px 4px rgb(77, 12, 52)  
}
```

Background

The CSS property to change the background color of an element to YUV 35.9950, 7.8905, 35.9614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 12, 52) }
```

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

```
.background{ background-color: rgb(77, 12,  
52) }
```

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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