

Converting Colors

YUV(49.5390, -0.7587, 10.0513)

Have a look what the booklet for
YUV(49.5390, -0.7587, 10.0513)
contains.

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Color

**YUV(49.5390, -0.7587,
10.0513)**

Conversions

Conversions Part 1

Format	Color
Hex	3D2C30
RGB	61, 44, 48
RGB Percent	24%, 17%, 19%
CMY	0.7608, 0.8275, 0.8118
CMYK	0.00, 0.28, 0.21, 0.76
HSL	346°, 16%, 21%
HSV	346°, 28%, 24%
XYZ	3.3587, 3.0069, 3.1997
YIQ	49.5390, 8.8480, 4.8480

Conversions

Conversions Part 2

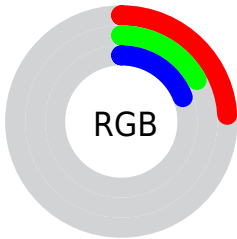
Format	Color
R_{YB}	61, 44, 48
Decimal	4009008
CIE _{Lab}	20.07, 8.60, 0.47
CIE _{LCh}	20, 8.609, 3.156
Yxy	3.0069, 0.3511, 0.3144
Android (android.graphics.Color)	4282199088 (0xFF3D2C30)
YUV	49.5390, -0.7587, 10.0513
Hunter-Lab	17.3403, 4.2282, 1.1979

Details

The YUV color **49.5390, -0.7587, 10.0513** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **55.4610, 0.7587, -10.0513**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.1370, -1.0535, 11.2809**, and **5.9800, -2.9481, 12.2955** is the 20% darker color. If you saturate the color by 10%, you get **45.4470, -1.2064, 13.6400**, and if you desaturate by 10%, it is **53.6310, -0.3111, 6.4626**.

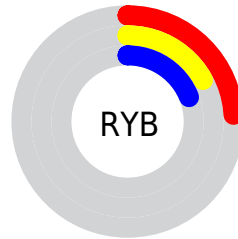
Distribution



Red (24%)

Green (17%)

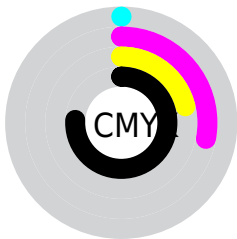
Blue (19%)



Red (24%)

Yellow (17%)

Blue (19%)

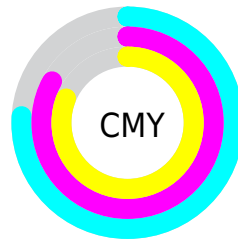


Cyan (0%)

Magenta (28%)

Yellow (21%)

Black (76%)



Cyan (76%)

Magenta (83%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.5390, -0.7587, 10.0513 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 49.5390, -0.7587, 10.0513 by changing the saturation by 10% instead.

■ 49.5390, -0.7587,
10.0513

■ 49.5390, -0.7587,
10.0513

■ 255.0000, 0.0000,
0.0000

■ 28.2400, -0.6113,
9.4365

■ 96.1370, -1.0535,
11.2809

■ 5.9800, -2.9481,
12.2955

■ 120.5500, -0.7641,
11.7957

■ 0.0000, 0.0000,
0.0000

■ 146.4360, -1.2009,
11.8956

■ 173.1480, -1.0590,
13.0252

■ 200.1480, -1.0590,
13.0252

■ 228.4470, -1.2064,

13.6400

252.0650, 1.4470,
2.5740

49.5390, -0.7587,
10.0513

49.5390, -0.7587,
10.0513

45.4470, -1.2064,
13.6400

53.6310, -0.3111,
6.4626

41.4690, -1.2172,
17.1287

57.6090, -0.3002,
2.9739

37.3770, -1.6649,
20.7174

61.7010, 0.1474,
-0.6148

33.2850, -2.1125,
24.3061

65.7930, 0.5951,
-4.2035

29.3070, -2.1234,
27.7948

70.3580, 0.3165,
-8.2070

■ 24.6280, -2.2816,
31.8982

■ 74.4500, 0.7641,
-11.7957

■ 20.5360, -2.7292,
35.4869

■ 78.5420, 1.2118,
-15.3843

■ 19.8350, -2.8767,
36.1017

■ 82.5200, 1.2226,
-18.8730

■ 86.6120, 1.6703,
-22.4617

Harmonies

Analogous

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



49.6140, 2.1623, 6.4775



49.5390, -0.7587, 10.0513



49.4420, -3.6689, 10.1364

Triad

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



49.5390, -0.7587, 10.0513



47.4360, -4.6519, -1.2594



47.1280, 5.8529, -10.6363

Complementary

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



49.5390, -0.7587, 10.0513



55.4610, 0.7587, -10.0513

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.



46.0630, 4.4059, -13.2103



49.5390, -0.7587, 10.0513



47.0870, -2.0149, -7.0923

Square

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



49.5390, -0.7587, 10.0513



48.1270, -5.9786, 4.2736



45.9770, 1.4903, -11.3808



48.2750, 6.2734, -5.5032

Rectangle

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



49.5390, -0.7587, 10.0513



49.0890, -4.9739, 8.6919



45.9770, 1.4903, -11.3808



46.4160, 5.7109, -11.7658

Sweetspot

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



49.5390, -0.7587, 10.0513



74.9080, -0.4476, 3.5887



49.8250, 5.5093, 6.2925



38.3100, -0.1528, 2.3591



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



49.5390, -0.7587, 10.0513



61.4580, -1.2118, 15.3843



51.4310, -3.6635, 8.3920



28.8970, -0.4422, 1.8443



30.6140, -4.2467, 55.5895



72.3060, -10.0109, 131.2816

Inverse Universe

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



49.5390, -0.7587, 10.0513



61.4580, -1.2118, 15.3843



53.5690, 3.6635, -8.3920



28.8970, -0.4422, 1.8443



30.6140, -4.2467, 55.5895



72.3060, -10.0109, 131.2816

Previews

White Background



This preview shows how the YUV color 49.5390, -0.7587, 10.0513 looks on a white background.

Color Contrast Check

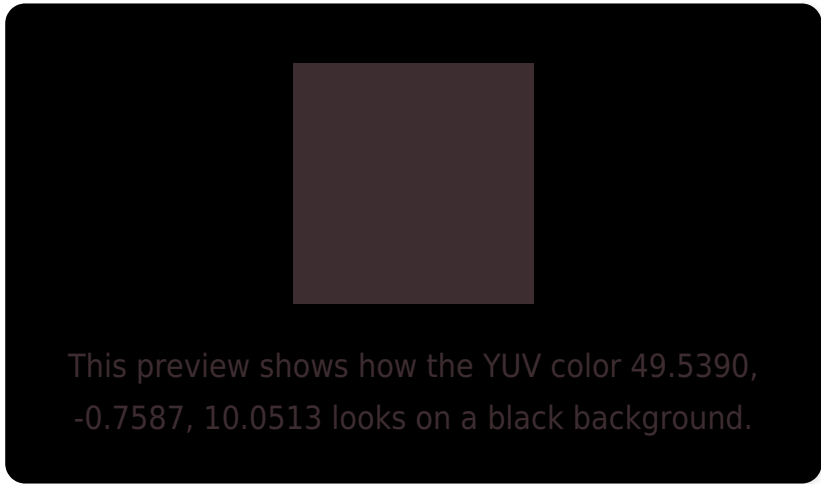
Large Text (above 18pt) WCAG AA ✓ Pass

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

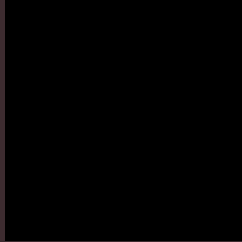
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.5390, -0.7587, 10.0513

Background



This preview shows how black text looks on a background with the YUV color 49.5390, -0.7587, 10.0513.

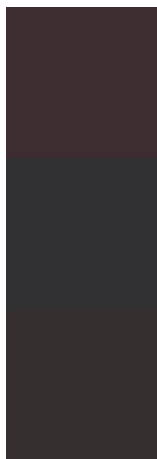


This preview shows how white text looks on a background with the YUV color 49.5390, -0.7587,

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

49.5390, -0.7587, 10.0513

Protanopia

48.6410, 1.1630, 0.3148

Deuteranopia

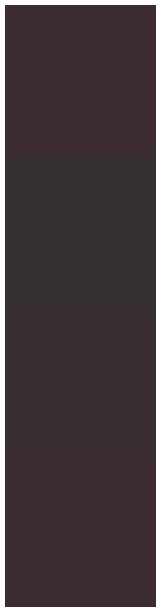
49.0930, -1.0318, 4.3034



Tritanopia

49.4250, -1.1955, 10.1513

Trichromacy



Original Color

49.5390, -0.7587, 10.0513

Protanomaly

49.1360, 0.4260, 3.3887

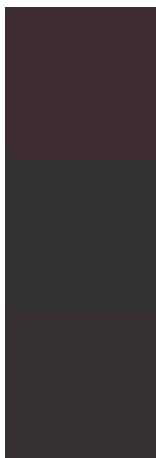
Deuteranomaly

49.4030, -1.1847, 6.6626

Tritanomaly

49.4250, -1.1955, 10.1513

Monochromacy



Original Color

49.5390, -0.7587, 10.0513

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

49.9080, -0.4476, 3.5887

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.5390, -0.7587, 10.0513 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(61, 44, 48)` looks like.

```
.text, #text, p{  
    color:rgb(61, 44, 48)  
}
```

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(61, 44, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 44, 48) }
```

Border

The CSS property to change the border of an element to YUV 49.5390, -0.7587, 10.0513 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(61, 44, 48) }
```


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

```
.border{ border-color:rgb(61, 44, 48) }
```

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

Here you see how a box with a 4 pixel rgb(61, 44, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 44, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 44, 48);  
box-shadow:4px 4px 4px 4px rgb(61, 44, 48)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.5390, -0.7587, 10.0513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 44, 48) }
```

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

```
.background{ background-color: rgb(61, 44,  
48) }
```

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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