

Converting Colors

YUV(63.6390, -9.1890, 7.3326)

Have a look what the booklet for
YUV(63.6390, -9.1890, 7.3326)
contains.

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Color

**YUV(63.6390, -9.1890,
7.3326)**

Conversions

Conversions Part 1

Format	Color
Hex	483F2D
RGB	72, 63, 45
RGB Percent	28%, 25%, 18%
CMY	0.7176, 0.7529, 0.8235
CMYK	0.00, 0.12, 0.37, 0.72
HSL	40°, 23%, 23%
HSV	40°, 37%, 28%
XYZ	4.9236, 5.1222, 3.2118
YIQ	63.6390, 11.1420, -3.6900

Conversions

Conversions Part 2

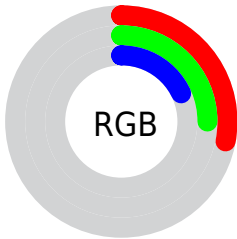
Format	Color
RYB	59, 72, 45
Decimal	4734765
CIELab	27.08, 0.70, 12.48
CIELCh	27, 12.500, 86.796
Yxy	5.1222, 0.3714, 0.3864
Android (android.graphics.Color)	4282924845 (0xFF483F2D)
YUV	63.6390, -9.1890, 7.3326
Hunter-Lab	22.6323, -0.7738, 7.4286

Details

The YUV color **63.6390, -9.1890, 7.3326** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **53.3610, 9.1890, -7.3326**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.7100, -10.2100, 8.1473**, and **21.2970, -10.4994, 7.6325** is the 20% darker color. If you saturate the color by 10%, you get **61.6670, -11.6678, 9.0620**, and if you desaturate by 10%, it is **65.6110, -6.7102, 5.6032**.

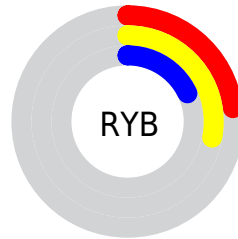
Distribution



Red (28%)

Green (25%)

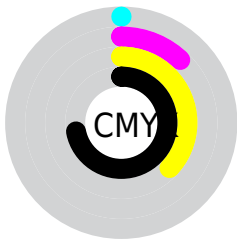
Blue (18%)



Red (23%)

Yellow (28%)

Blue (18%)

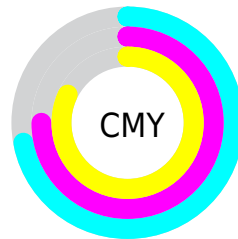


Cyan (0%)

Magenta (12%)

Yellow (37%)

Black (72%)



Cyan (72%)

Magenta (75%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.6390, -9.1890, 7.3326 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 63.6390, -9.1890, 7.3326 by changing the saturation by 10% instead.

■ 63.6390, -9.1890,
7.3326

■ 63.6390, -9.1890,
7.3326

■ 255.0000, 0.0000,
0.0000

■ 41.4540, -8.6048,
6.6178

■ 111.7100,
-10.2100, 8.1473

■ 21.2970, -10.4994,
7.6325

■ 136.8950,
-10.7942, 8.8621

■ 0.0000, 0.0000,
0.0000

■ 163.1940,
-10.9416, 9.4769

■ 190.0800,
-11.3784, 9.5768

■ 218.0800,
-11.3784, 9.5768

■ 245.4820,

-11.0836, 8.3473

254.5440, -1.7472,
0.3999

■ 63.6390, -9.1890,
7.3326

■ 63.6390, -9.1890,
7.3326

■ 61.6670, -11.6678,
9.0620

■ 65.6110, -6.7102,
5.6032

■ 59.1080, -13.8572,
11.3063

■ 68.1700, -4.5208,
3.3589

■ 57.0220, -16.7728,
13.1357

■ 70.2560, -1.6052,
1.5295

■ 54.4630, -18.9623,
15.3799

■ 72.8150, 0.5842,
-0.7148

■ 52.4910, -21.4411,
17.1094

■ 74.7870, 3.0630,
-2.4442

■ 50.5190, -23.9199,
18.8388

■ 76.7590, 5.5418,
-4.1736

■ 49.7040, -24.5041,
19.5536

■ 79.3180, 7.7312,
-6.4179

■ 81.4040, 10.6468,
-8.2473

■ 83.9630, 12.8362,
-10.4916

Harmonies

Analogous

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



64.6120, -8.1897, 13.4953



63.6390, -9.1890, 7.3326



62.6380, -7.7095, -0.5595

Triad

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



63.6390, -9.1890, 7.3326



59.4750, 6.1748, -20.5876



65.6080, 4.6303, 8.2368

Complementary

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



63.6390, -9.1890, 7.3326



53.3610, 9.1890, -7.3326

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.



64.7640, 8.0043, -0.6700



63.6390, -9.1890, 7.3326



60.9960, 9.3690, -18.4135

Square

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



63.6390, -9.1890, 7.3326



59.9440, 1.5066, -16.6139



62.8660, 9.9261, -10.4065



65.3870, -0.1908, 14.5696

Rectangle

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



63.6390, -9.1890, 7.3326



62.1750, -5.5093, -6.2925



62.8660, 9.9261, -10.4065



65.5260, 5.6567, 5.6777

Sweetspot

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



63.6390, -9.1890, 7.3326



91.0990, -3.4998, 2.5442



54.0990, -0.0488, 15.6992



46.1420, -2.0420, 1.6295



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



63.6390, -9.1890, 7.3326



80.9940, -14.2940, 11.4063



67.7260, -11.2039, 0.2403



34.9570, -1.4578, 0.9147



68.3430, -33.6931, 26.8862



156.5100, -77.1594, 61.8197

Inverse Universe

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



53.3610, 9.1890, -7.3326



65.0060, 14.2940, -11.4063



49.2740, 11.2039, -0.2403



33.0430, 1.4578, -0.9147



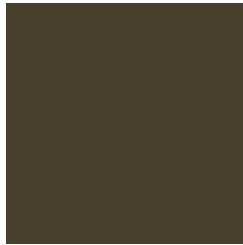
30.6570, 33.6931, -26.8862



70.4900, 77.1594, -61.8197

Previews

White Background



This preview shows how the YUV color 63.6390, -9.1890, 7.3326 looks on a white background.

Color Contrast Check

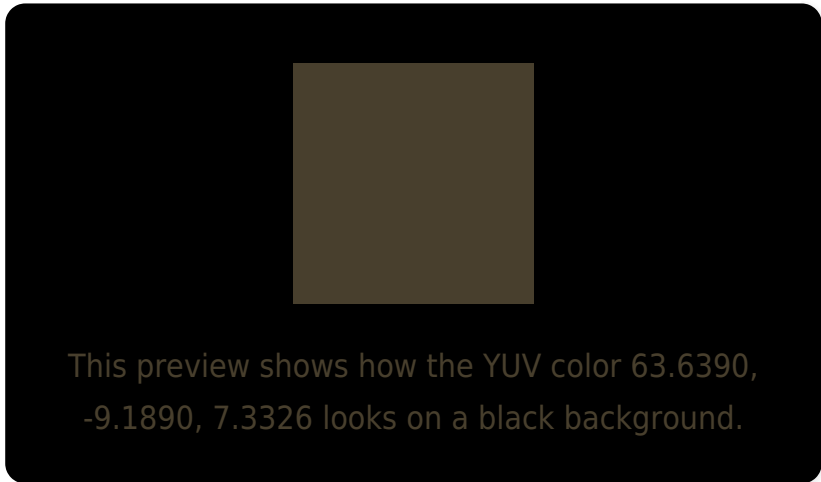
Large Text (above 18pt) WCAG AA ✓ Pass

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

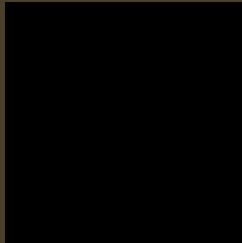
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.6390, -9.1890, 7.3326

Background



This preview shows how black text looks on a background with the YUV color 63.6390, -9.1890, 7.3326.

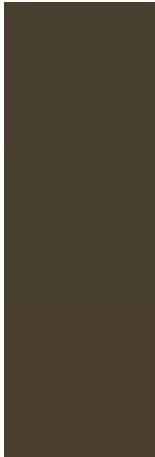


This preview shows how white text looks on a background with the YUV color 63.6390, -9.1890,

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

63.6390, -9.1890, 7.3326

Protanopia

63.3290, -9.0362, 4.9735

Deuteranopia

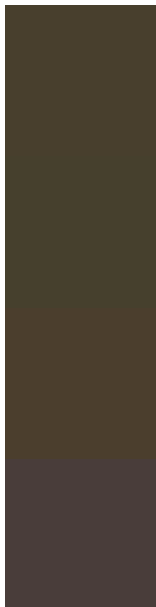
63.6610, -9.1999, 10.8213



Tritanopia

64.7560, 0.1203, 8.1070

Trichromacy



Original Color

63.6390, -9.1890, 7.3326

Protanomaly

63.6280, -9.1836, 5.5882

Deuteranomaly

63.9490, -9.3419, 9.6917

Tritanomaly

64.2460, -3.0793, 7.6773

Monochromacy



Original Color

63.6390, -9.1890, 7.3326

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.0990, -3.4998, 2.5442

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.6390, -9.1890, 7.3326 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(72, 63, 45)` looks like.

```
.text, #text, p{  
    color:rgb(72, 63, 45)  
}
```

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(72, 63, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 63, 45) }
```

Border

The CSS property to change the border of an element to YUV 63.6390, -9.1890, 7.3326 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(72, 63, 45) }
```


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

```
.border{ border-color:rgb(72, 63, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 63, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 63, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 63, 45);  
box-shadow:4px 4px 4px 4px rgb(72, 63, 45)  
}
```

Background

The CSS property to change the background color of an element to YUV 63.6390, -9.1890, 7.3326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 63, 45) }
```

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

```
.background{ background-color: rgb(72, 63,  
45) }
```

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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