

Converting Colors

YUV(75.8010, -4.8319, 9.8215)

Have a look what the booklet for
YUV(75.8010, -4.8319, 9.8215)
contains.

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Color

**YUV(75.8010, -4.8319,
9.8215)**

Conversions

Conversions Part 1

Format	Color
Hex	574842
RGB	87, 72, 66
RGB Percent	34%, 28%, 26%
CMY	0.6588, 0.7176, 0.7412
CMYK	0.00, 0.17, 0.24, 0.66
HSL	17°, 14%, 30%
HSV	17°, 24%, 34%
XYZ	7.2312, 7.0543, 6.1347
YIQ	75.8010, 10.8660, 1.3140

Conversions

Conversions Part 2

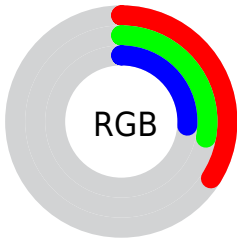
Format	Color
RYB	87, 74, 66
Decimal	5720130
CIELab	31.93, 5.27, 5.97
CIElCh	32, 7.960, 48.542
Yxy	7.0543, 0.3541, 0.3455
Android (android.graphics.Color)	4283910210 (0xFF574842)
YUV	75.8010, -4.8319, 9.8215
Hunter-Lab	26.5600, 2.1185, 4.8973

Details

The YUV color **75.8010, -4.8319, 9.8215** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **77.1990, 4.8319, -9.8215**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.3990, -5.1267, 11.0511**, and **31.9040, -4.3897, 7.9772** is the 20% darker color. If you saturate the color by 10%, you get **71.2530, -7.0267, 13.8101**, and if you desaturate by 10%, it is **80.3490, -2.6371, 5.8329**.

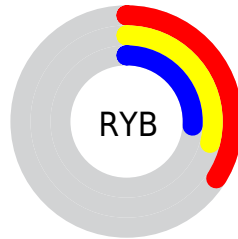
Distribution



Red (34%)

Green (28%)

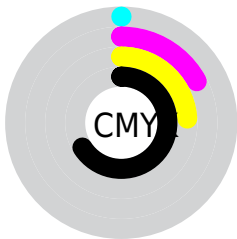
Blue (26%)



Red (34%)

Yellow (29%)

Blue (26%)

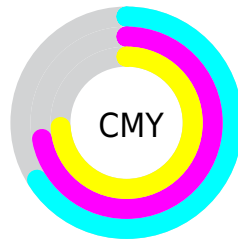


Cyan (0%)

Magenta (17%)

Yellow (24%)

Black (66%)



Cyan (66%)

Magenta (72%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.8010, -4.8319, 9.8215 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 75.8010, -4.8319, 9.8215 by changing the saturation by 10% instead.

■ 75.8010, -4.8319,
9.8215

■ 75.8010, -4.8319,
9.8215

255.0000, 0.0000,
0.0000

■ 53.2030, -4.5371,
8.5920

■ 124.3990, -5.1267,
11.0511

■ 31.9040, -4.3897,
7.9772

■ 150.5840, -5.7109,
11.7658

■ 8.0400, -3.9637,
11.3659

■ 177.5840, -5.7109,
11.7658

■ 0.0000, 0.0000,
0.0000

■ 204.8830, -5.8583,
12.3806

■ 232.8830, -5.8583,
12.3806

■ 254.3160, -2.6208,

0.5999

■ 75.8010, -4.8319,
9.8215

■ 75.8010, -4.8319,
9.8215

■ 71.2530, -7.0267,
13.8101

■ 80.3490, -2.6371,
5.8329

■ 66.8190, -8.7848,
17.6987

■ 84.7830, -0.8790,
1.9443

■ 61.6840, -10.6902,
22.2021

■ 89.9180, 1.0264,
-2.5591

■ 57.1360, -12.8850,
26.1907

■ 94.4660, 3.2213,
-6.5477

■ 52.5880, -15.0799,
30.1793

■ 99.0140, 5.4161,
-10.5363

■ 48.1540, -16.8379,
34.0679

■ 103.4480, 7.1741,
-14.4249

■ 43.0190, -18.7434,
38.5713

■ 108.5830, 9.0796,
-18.9283

■ 40.6880, -20.0592,
40.6156

■ 113.1310, 11.2744,
-22.9169

■ 117.5650, 13.0325,
-26.8055

Harmonies

Analogous

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



76.0830, -2.5059, 10.4512



75.8010, -4.8319, 9.8215



75.1380, -5.9840, 6.0180

Triad

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



75.8010, -4.8319, 9.8215



73.4180, -0.6991, -9.1366



75.1830, 5.8258, -1.9145

Complementary

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



75.8010, -4.8319, 9.8215



77.1990, 4.8319, -9.8215

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.



74.2640, 6.2788, -7.2475



75.8010, -4.8319, 9.8215



73.0200, 2.9481, -12.2955

Square

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



75.8010, -4.8319, 9.8215



74.0550, -3.4781, -4.4332



73.3020, 5.2741, -11.6659



75.9450, 3.4781, 4.4332

Rectangle

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



75.8010, -4.8319, 9.8215



74.5290, -5.6838, 3.0441



73.3020, 5.2741, -11.6659



75.1720, 5.8312, -3.6588

Sweetspot

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



75.8010, -4.8319, 9.8215



108.1530, -2.0474, 3.3738



73.9890, 3.4564, 11.4106



53.7830, -0.8790, 1.9443



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



75.8010, -4.8319, 9.8215



94.8510, -7.3215, 15.0397



81.6710, -7.7258, 4.6735



40.7830, -0.8790, 1.9443



50.1900, -24.7437, 49.8224



109.5940, -54.0298, 109.9811

Inverse Universe

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



77.1990, 4.8319, -9.8215



97.1490, 7.3215, -15.0397



71.3290, 7.7258, -4.6735



41.2170, 0.8790, -1.9443



57.3970, 24.4543, -50.3372



125.4060, 54.0298, -109.9811

Previews

White Background



This preview shows how the YUV color 75.8010, -4.8319, 9.8215 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



This preview shows how the YUV color 75.8010, -4.8319, 9.8215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

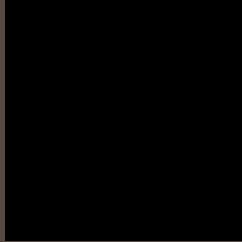
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.8010, -4.8319, 9.8215

Background



This preview shows how black text looks on a background with the YUV color 75.8010, -4.8319, 9.8215.

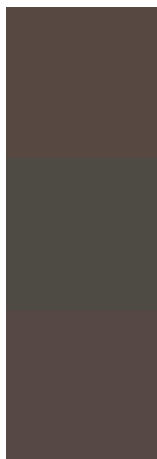


This preview shows how white text looks on a background with the YUV color 75.8010, -4.8319,

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

75.8010, -4.8319, 9.8215

Protanopia

75.0990, -3.4998, 2.5442

Deuteranopia

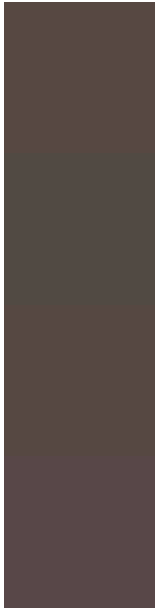
75.5020, -4.6845, 9.2067



Tritanopia

76.6530, -0.3219, 9.9513

Trichromacy



Original Color

75.8010, -4.8319, 9.8215

Protanomaly

75.2950, -4.0894, 5.0033

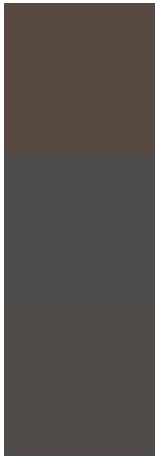
Deuteranomaly

75.5020, -4.6845, 9.2067

Tritanomaly

76.1970, -2.0691, 10.3512

Monochromacy



Original Color

75.8010, -4.8319, 9.8215

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.1530, -2.0474, 3.3738

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.8010, -4.8319, 9.8215 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(87, 72, 66)` looks like.

```
.text, #text, p{  
    color:rgb(87, 72, 66)  
}
```

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(87, 72, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 72, 66) }
```

Border

The CSS property to change the border of an element to YUV 75.8010, -4.8319, 9.8215 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(87, 72, 66) }
```


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

```
.border{ border-color:rgb(87, 72, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 72, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 72, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 72, 66);  
box-shadow:4px 4px 4px 4px rgb(87, 72, 66)  
}
```

Background

The CSS property to change the background color of an element to YUV 75.8010, -4.8319, 9.8215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 72, 66) }
```

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

```
.background{ background-color: rgb(87, 72,  
66) }
```

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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