

Converting Colors

YUV(48.7900, -4.8265, 8.0772)

Have a look what the booklet for
YUV(48.7900, -4.8265, 8.0772)
contains.

YUV(48.7900, -4.8265, 8.0772)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(48.7900, -4.8265,
8.0772)**

Conversions

Conversions Part 1

Format	Color
Hex	3A2E27
RGB	58, 46, 39
RGB Percent	23%, 18%, 15%
CMY	0.7725, 0.8196, 0.8471
CMYK	0.00, 0.21, 0.33, 0.77
HSL	22°, 20%, 19%
HSV	22°, 33%, 23%
XYZ	3.0881, 3.0000, 2.3358
YIQ	48.7900, 9.3990, 0.3670

Conversions

Conversions Part 2

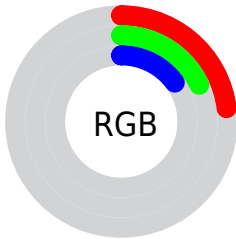
Format	Color
R_{YB}	58, 50, 39
Decimal	3812903
CIE Lab	20.04, 4.19, 6.57
CIE LCh	20, 7.793, 57.515
Yxy	3.0000, 0.3666, 0.3561
Android (android.graphics.Color)	4282002983 (0xFF3A2E27)
YUV	48.7900, -4.8265, 8.0772
Hunter-Lab	17.3205, 1.5143, 4.1289

Details

The YUV color **48.7900, -4.8265, 8.0772** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **48.2100, 4.8265, -8.0772**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.2740, -5.5581, 9.4067**, and **3.2890, -1.6215, 6.7625** is the 20% darker color. If you saturate the color by 10%, you get **45.7580, -6.2897, 10.7362**, and if you desaturate by 10%, it is **51.8220, -3.3632, 5.4181**.

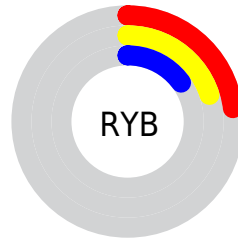
Distribution



Red (23%)

Green (18%)

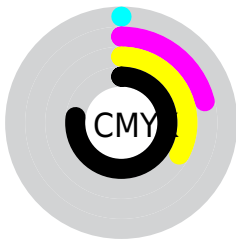
Blue (15%)



Red (23%)

Yellow (20%)

Blue (15%)

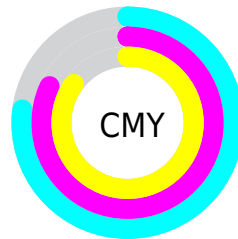


Cyan (0%)

Magenta (21%)

Yellow (33%)

Black (77%)



Cyan (77%)

Magenta (82%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.7900, -4.8265, 8.0772 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 48.7900, -4.8265, 8.0772 by changing the saturation by 10% instead.

■ 48.7900, -4.8265,
8.0772

■ 48.7900, -4.8265,
8.0772

■ 255.0000, 0.0000,
0.0000

■ 27.6050, -4.2423,
7.3624

■ 95.2740, -5.5581,
9.4067

■ 3.2890, -1.6215,
6.7625

■ 119.5730, -5.7055,
10.0215

■ 0.0000, 0.0000,
0.0000

■ 145.4590, -6.1423,
10.1215

■ 171.7580, -6.2897,
10.7362

■ 199.0570, -6.4371,
11.3510

■ 227.0570, -6.4371,

11.3510

■ 251.8710, -4.3734,
2.7441

■ 48.7900, -4.8265,
8.0772

■ 48.7900, -4.8265,
8.0772

■ 45.7580, -6.2897,
10.7362

■ 51.8220, -3.3632,
5.4181

■ 43.3130, -8.0423,
12.8805

■ 54.2670, -1.6106,
3.2738

■ 40.3950, -9.0687,
15.4396

■ 57.1850, -0.5842,
0.7148

■ 37.3630, -10.5320,
18.0986

■ 60.2170, 0.8790,
-1.9443

■ 34.9180, -12.2846,
20.2429

■ 62.6620, 2.6316,
-4.0886

■ 31.8860, -13.7478,
22.9020

■ 65.6940, 4.0949,
-6.7476

■ 29.6690, -14.6268,
24.8463

■ 68.7260, 5.5581,
-9.4067

■ 71.0570, 6.8739,
-11.4510

■ 74.0890, 8.3371,
-14.1101

Harmonies

Analogous

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



49.2570, -3.0847, 9.4216



48.7900, -4.8265, 8.0772



48.2410, -5.5418, 4.1736

Triad

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



48.7900, -4.8265, 8.0772



46.4610, 0.7587, -10.0513



48.8520, 4.5100, 0.1298

Complementary

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



48.7900, -4.8265, 8.0772



48.2100, 4.8265, -8.0772

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.



47.8620, 5.9840, -6.0180



48.7900, -4.8265, 8.0772



46.4330, 3.2375, -11.7807

Square

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



48.7900, -4.8265, 8.0772



46.9840, -2.4571, -5.2480



47.0140, 5.4161, -10.5363



49.1300, 2.8939, 5.1480

Rectangle

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



48.7900, -4.8265, 8.0772



47.7460, -4.8048, 1.0998



47.0140, 5.4161, -10.5363



48.6560, 5.0996, -2.3293

Sweetspot

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



48.7900, -4.8265, 8.0772



73.1530, -2.0474, 3.3738



46.0490, 2.4408, 10.4810



35.7830, -0.8790, 1.9443



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



48.7900, -4.8265, 8.0772



62.4270, -7.6055, 12.7805



54.0730, -7.4310, 3.4440



26.4840, -0.7316, 1.3295



47.4660, -23.4007, 39.0563



113.0280, -55.7228, 92.9374

Inverse Universe

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



48.2100, 4.8265, -8.0772



61.5730, 7.6055, -12.7805



42.9270, 7.4310, -3.4440



26.5160, 0.7316, -1.3295



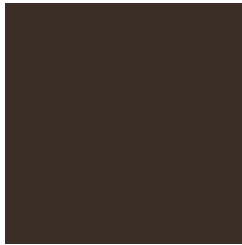
44.5340, 23.4007, -39.0563



106.5590, 55.4334, -93.4522

Previews

White Background



This preview shows how the YUV color 48.7900, -4.8265, 8.0772 looks on a white background.

Color Contrast Check

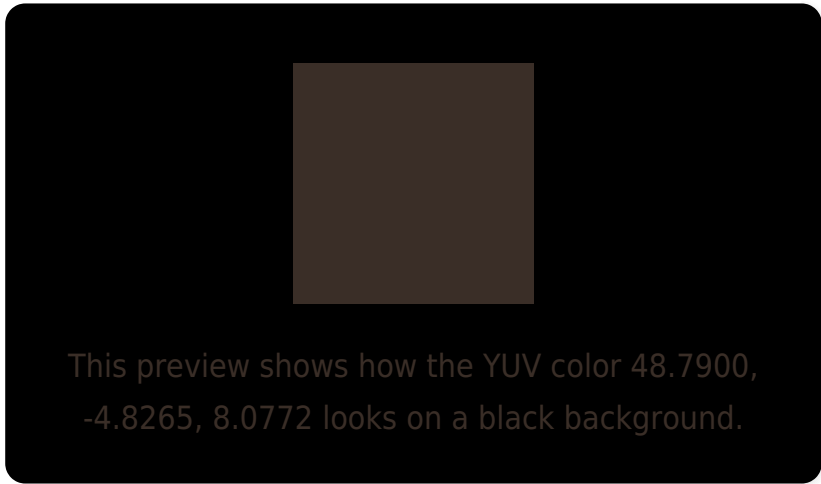
Large Text (above 18pt) WCAG AA ✓ Pass

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

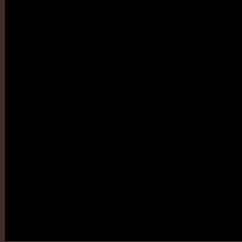
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.7900, -4.8265, 8.0772

Background



This preview shows how black text looks on a background with the YUV color 48.7900, -4.8265, 8.0772.

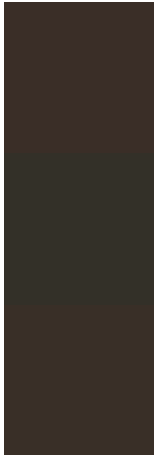


This preview shows how white text looks on a background with the YUV color 48.7900, -4.8265,

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

48.7900, -4.8265, 8.0772

Protanopia

47.9850, -3.9366, 2.6442

Deuteranopia

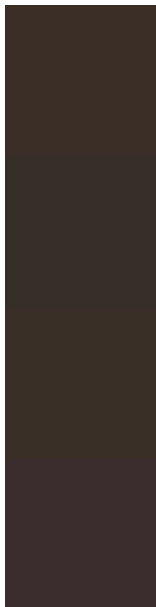
49.0780, -4.9685, 6.9476



Tritanopia

49.5280, -0.7533, 8.3069

Trichromacy



Original Color

48.7900, -4.8265, 8.0772

Protanomaly

48.2950, -4.0894, 5.0033

Deuteranomaly

49.0780, -4.9685, 6.9476

Tritanomaly

49.1860, -2.0637, 8.6069

Monochromacy



Original Color

48.7900, -4.8265, 8.0772

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

48.8540, -1.9000, 2.7590

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.7900, -4.8265, 8.0772 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(58, 46, 39)` looks like.

```
.text, #text, p{  
    color:rgb(58, 46, 39)  
}
```

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(58, 46, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 46, 39) }
```

Border

The CSS property to change the border of an element to YUV 48.7900, -4.8265, 8.0772 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(58, 46, 39) }
```


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

```
.border{ border-color:rgb(58, 46, 39) }
```

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

Here you see how a box with a 4 pixel rgb(58, 46, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 46, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 46, 39);  
box-shadow:4px 4px 4px 4px rgb(58, 46, 39)  
}
```

Background

The CSS property to change the background color of an element to YUV 48.7900, -4.8265, 8.0772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 46, 39) }
```

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

```
.background{ background-color: rgb(58, 46,  
39) }
```

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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