

Converting Colors

YUV(48.3170, -4.1003, 8.4920)

Have a look what the booklet for
YUV(48.3170, -4.1003, 8.4920)
contains.

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Color

**YUV(48.3170, -4.1003,
8.4920)**

Conversions

Conversions Part 1

Format	Color
Hex	3A2D28
RGB	58, 45, 40
RGB Percent	23%, 18%, 16%
CMY	0.7725, 0.8235, 0.8431
CMYK	0.00, 0.22, 0.31, 0.77
HSL	17°, 18%, 19%
HSV	17°, 31%, 23%
XYZ	3.0663, 2.9295, 2.4113
YIQ	48.3170, 9.3530, 1.2010

Conversions

Conversions Part 2

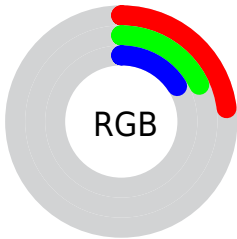
Format	Color
R_{YB}	58, 47, 40
Decimal	3812648
CIE Lab	19.76, 5.04, 5.49
CIE LCh	20, 7.449, 47.472
Yxy	2.9295, 0.3647, 0.3485
Android (android.graphics.Color)	4282002728 (0xFF3A2D28)
YUV	48.3170, -4.1003, 8.4920
Hunter-Lab	17.1158, 2.0257, 3.6281

Details

The YUV color **48.3170, -4.1003, 8.4920** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **49.6830, 4.1003, -8.4920**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.8010, -4.8319, 9.8215**, and **2.9900, -1.4741, 6.1478** is the 20% darker color. If you saturate the color by 10%, you get **45.2850, -5.5635, 11.1511**, and if you desaturate by 10%, it is **51.3490, -2.6371, 5.8329**.

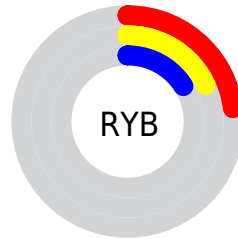
Distribution



Red (23%)

Green (18%)

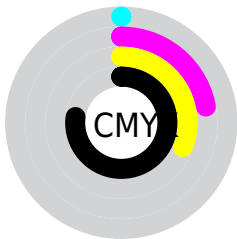
Blue (16%)



Red (23%)

Yellow (18%)

Blue (16%)

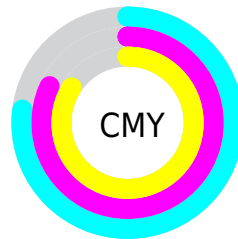


Cyan (0%)

Magenta (22%)

Yellow (31%)

Black (77%)



Cyan (77%)

Magenta (82%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.3170, -4.1003, 8.4920 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 48.3170, -4.1003, 8.4920 by changing the saturation by 10% instead.

■ 48.3170, -4.1003,
8.4920

■ 48.3170, -4.1003,
8.4920

255.0000, 0.0000,
0.0000

■ 27.1320, -3.5161,
7.7772

■ 94.8010, -4.8319,
9.8215

■ 2.9900, -1.4741,
6.1478

■ 119.1000, -4.9793,
10.4363

■ 0.0000, 0.0000,
0.0000

■ 145.1000, -4.9793,
10.4363

■ 171.3990, -5.1267,
11.0511

■ 198.6980, -5.2741,
11.6659

■ 226.5840, -5.7109,

11.7658

251.3980, -3.6472,
3.1590

48.3170, -4.1003,
8.4920

48.3170, -4.1003,
8.4920

45.2850, -5.5635,
11.1511

51.3490, -2.6371,
5.8329

42.2530, -7.0267,
13.8101

54.3810, -1.1738,
3.1739

38.7480, -7.7638,
16.8840

57.8860, -0.4368,
0.1000

35.7160, -9.2270,
19.5431

60.9180, 1.0264,
-2.5591

32.6840, -10.6902,
22.2021

63.9500, 2.4897,
-5.2181

■ 29.6520, -12.1534,
24.8612

■ 66.9820, 3.9529,
-7.8772

■ 26.7340, -13.1799,
27.4203

■ 70.0140, 5.4161,
-10.5363

■ 73.5190, 6.1531,
-13.6102

■ 76.5510, 7.6164,
-16.2692

Harmonies

Analogous

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



48.5990, -1.7743, 9.1217



48.3170, -4.1003, 8.4920



47.9530, -5.3998, 5.3032

Triad

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



48.3170, -4.1003, 8.4920



46.1300, -0.5571, -8.0070



47.9550, 4.9522, -1.7145

Complementary

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



48.3170, -4.1003, 8.4920



49.6830, 4.1003, -8.4920

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.



47.0360, 5.4053, -7.0476



48.3170, -4.1003, 8.4920



45.6180, 2.6533, -11.0660

Square

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



48.3170, -4.1003, 8.4920



46.4680, -3.1887, -3.9184



45.9000, 4.9793, -10.4363



48.5320, 3.1887, 3.9184

Rectangle

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



48.3170, -4.1003, 8.4920



47.6430, -5.2470, 2.9441



45.9000, 4.9793, -10.4363



47.6450, 5.1050, -4.0737

Sweetspot

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



48.3170, -4.1003, 8.4920



73.2670, -1.6106, 3.2738



46.8640, 3.0250, 9.7663



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.



48.3170, -4.1003, 8.4920



61.3670, -6.5899, 13.7101



53.6000, -6.7048, 3.8588



26.4840, -0.7316, 1.3295



42.7700, -21.0856, 43.1747



101.2880, -49.9350, 103.2334

Inverse Universe

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



49.6830, 4.1003, -8.4920



63.6330, 6.5899, -13.7101



44.4000, 6.7048, -3.8588



26.5160, 0.7316, -1.3295



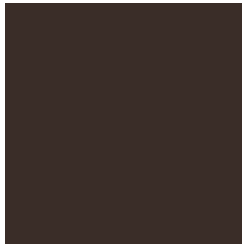
49.2300, 21.0856, -43.1747



117.7120, 49.9350, -103.2334

Previews

White Background



This preview shows how the YUV color 48.3170, -4.1003, 8.4920 looks on a white background.

Color Contrast Check

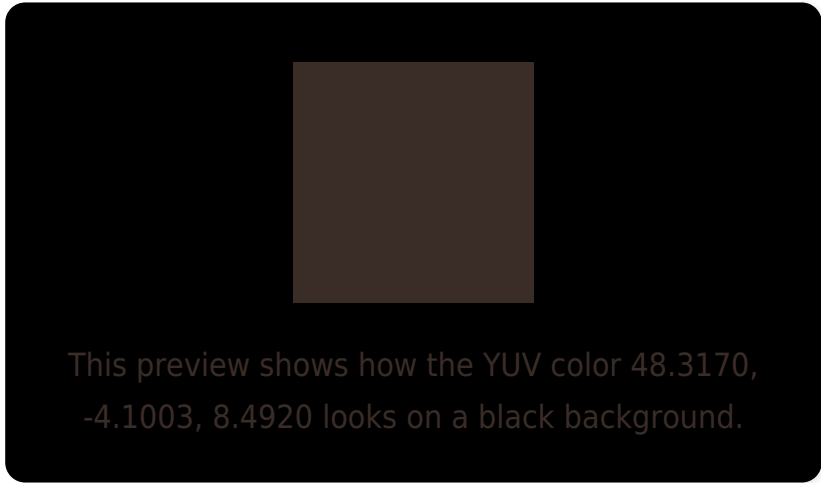
Large Text (above 18pt) WCAG AA ✓ Pass

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

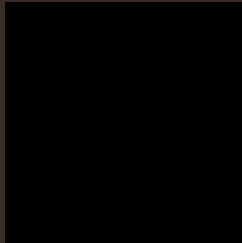
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.3170, -4.1003, 8.4920

Background



This preview shows how black text looks on a background with the YUV color 48.3170, -4.1003, 8.4920.



This preview shows how white text looks on a background with the YUV color 48.3170, -4.1003,

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

48.3170, -4.1003, 8.4920

Protanopia

47.8000, -3.3524, 1.9294

Deuteranopia

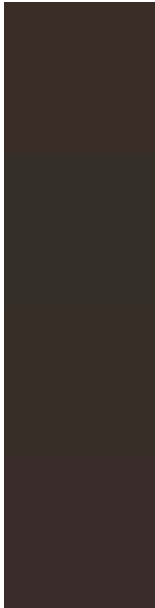
48.0070, -3.9475, 6.1329



Tritanopia

48.8270, -0.9007, 8.9217

Trichromacy



Original Color

48.3170, -4.1003, 8.4920

Protanomaly

48.1100, -3.5052, 4.2885

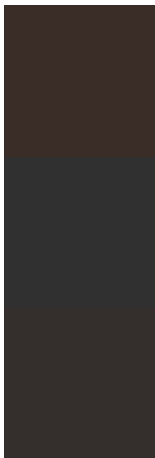
Deuteranomaly

48.3060, -4.0949, 6.7476

Tritanomaly

48.4850, -2.2111, 9.2217

Monochromacy



Original Color

48.3170, -4.1003, 8.4920

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.2670, -1.6106, 3.2738

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.3170, -4.1003, 8.4920 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, 45, 40)` looks like.

```
.text, #text, p{  
    color:rgb(58, 45, 40)  
}
```

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, 45, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 45, 40) }
```

Border

The CSS property to change the border of an element to YUV 48.3170, -4.1003, 8.4920 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, 45, 40) }
```


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

```
.border{ border-color:rgb(58, 45, 40) }
```

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

Here you see how a box with a 4 pixel rgb(58, 45, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 45, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 45, 40);  
box-shadow:4px 4px 4px 4px rgb(58, 45, 40)  
}
```

Background

The CSS property to change the background color of an element to YUV 48.3170, -4.1003, 8.4920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 45, 40) }
```

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

```
.background{ background-color: rgb(58, 45,  
40) }
```

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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