

Converting Colors

YUV(47.8160, -0.8953, 7.1774)

Have a look what the booklet for
YUV(47.8160, -0.8953, 7.1774)
contains.

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Color

**YUV(47.8160, -0.8953,
7.1774)**

Conversions

Conversions Part 1

Format	Color
Hex	382C2E
RGB	56, 44, 46
RGB Percent	22%, 17%, 18%
CMY	0.7804, 0.8275, 0.8196
CMYK	0.00, 0.21, 0.18, 0.78
HSL	350°, 12%, 20%
HSV	350°, 21%, 22%
XYZ	3.0247, 2.8394, 2.9734
YIQ	47.8160, 6.5100, 3.1660

Conversions

Conversions Part 2

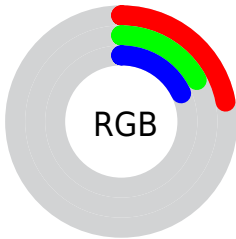
Format	Color
R_{YB}	56, 44, 46
Decimal	3681326
CIE _{Lab}	19.39, 5.91, 0.79
CIE _{LCh}	19, 5.962, 7.592
Yxy	2.8394, 0.3423, 0.3213
Android (android.graphics.Color)	4281871406 (0xFF382C2E)
YUV	47.8160, -0.8953, 7.1774
Hunter-Lab	16.8504, 2.5531, 1.3331

Details

The YUV color **47.8160, -0.8953, 7.1774** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **52.1840, 0.8953, -7.1774**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.1150, -1.0427, 7.7921**, and **2.6910, -1.3267, 5.5330** is the 20% darker color. If you saturate the color by 10%, you get **43.7240, -1.3429, 10.7661**, and if you desaturate by 10%, it is **51.9080, -0.4476, 3.5887**.

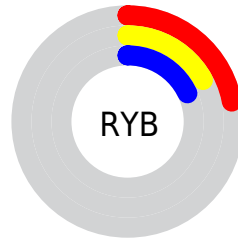
Distribution



Red (22%)

Green (17%)

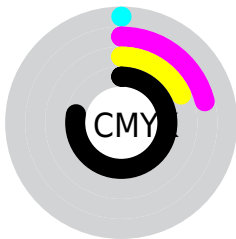
Blue (18%)



Red (22%)

Yellow (17%)

Blue (18%)

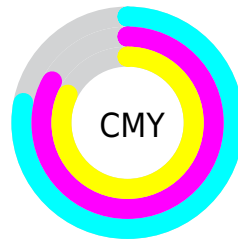


Cyan (0%)

Magenta (21%)

Yellow (18%)

Black (78%)



Cyan (78%)

Magenta (83%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.8160, -0.8953, 7.1774 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 47.8160, -0.8953, 7.1774 by changing the saturation by 10% instead.

■ 47.8160, -0.8953,
7.1774

■ 47.8160, -0.8953,
7.1774

255.0000, 0.0000,
0.0000

■ 26.5170, -0.7479,
6.5626

■ 94.1150, -1.0427,
7.7921

■ 2.6910, -1.3267,
5.5330

■ 118.4140, -1.1901,
8.4069

■ 0.0000, 0.0000,
0.0000

■ 144.4140, -1.1901,
8.4069

■ 170.7130, -1.3375,
9.0217

■ 198.0120, -1.4849,
9.6365

■ 226.0120, -1.4849,

9.6365

251.1360, 0.4260,
3.3887

47.8160, -0.8953,
7.1774

47.8160, -0.8953,
7.1774

43.7240, -1.3429,
10.7661

51.9080, -0.4476,
3.5887

40.3330, -1.6432,
13.7400

55.2990, -0.1474,
0.6148

36.2410, -2.0908,
17.3286

59.3910, 0.3002,
-2.9739

32.7360, -2.8278,
20.4025

62.8960, 1.0373,
-6.0478

28.7580, -2.8387,
23.8912

66.8740, 1.0481,
-9.5365

■ 24.6660, -3.2863,
27.4799

■ 70.9660, 1.4958,
-13.1252

■ 21.1610, -4.0234,
30.5538

■ 74.4710, 2.2328,
-16.1991

■ 17.7700, -4.3236,
33.5277

■ 78.4490, 2.2436,
-19.6878

■ 81.9540, 2.9807,
-22.7617

Harmonies

Analogous

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



47.6740, 1.1467, 5.5479



47.8160, -0.8953, 7.1774



47.3600, -2.6425, 7.5773

Triad

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



47.8160, -0.8953, 7.1774



45.8920, -2.9048, -1.6593



46.1070, 4.3842, -6.2328

Complementary

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



47.8160, -0.8953, 7.1774



52.1840, 0.8953, -7.1774

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.



45.4550, 3.2267, -8.2920



47.8160, -0.8953, 7.1774



45.7390, -0.8573, -5.0331

Square

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



47.8160, -0.8953, 7.1774



46.5720, -4.2260, 2.1294



45.5860, 1.1901, -8.4069



47.0150, 3.9366, -2.6442

Rectangle

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



47.8160, -0.8953, 7.1774



47.1210, -3.5107, 6.0329



45.5860, 1.1901, -8.4069



45.9820, 3.9529, -7.8772

Sweetspot

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



47.8160, -0.8953, 7.1774



71.1960, -0.5896, 2.4591



48.3580, 3.7675, 4.9480



36.5980, -0.2948, 1.2296



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.



47.8160, -0.8953, 7.1774



61.0230, -1.4903, 11.3808



49.9360, -2.9264, 5.3181



26.0110, -0.0054, 1.7444



29.2180, -7.0095, 55.0598



69.6990, -16.1206, 130.9370

Inverse Universe

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



47.8160, -0.8953, 7.1774



61.0230, -1.4903, 11.3808



50.0640, 2.9264, -5.3181



26.0110, -0.0054, 1.7444



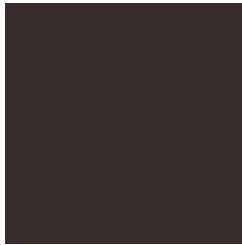
29.2180, -7.0095, 55.0598



69.6990, -16.1206, 130.9370

Previews

White Background



This preview shows how the YUV color 47.8160, -0.8953, 7.1774 looks on a white background.

Color Contrast Check

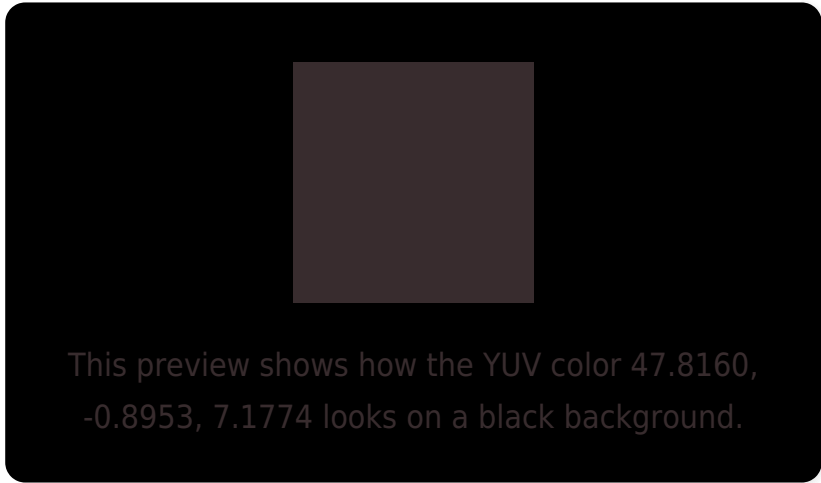
Large Text (above 18pt) WCAG AA ✓ Pass

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

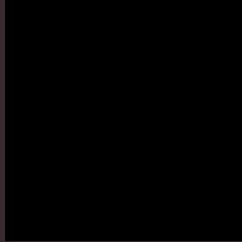
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.8160, -0.8953, 7.1774

Background



This preview shows how black text looks on a background with the YUV color 47.8160, -0.8953, 7.1774.

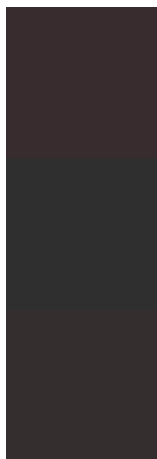


This preview shows how white text looks on a background with the YUV color 47.8160, -0.8953,

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

47.8160, -0.8953, 7.1774

Protanopia

47.4130, 0.2894, 0.5148

Deuteranopia

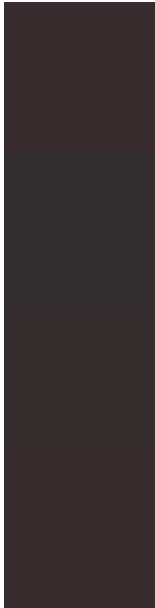
47.7940, -0.8844, 3.6887



Tritanopia

47.9300, -0.4585, 7.0774

Trichromacy



Original Color

47.8160, -0.8953, 7.1774

Protanomaly

47.6090, -0.3002, 2.9739

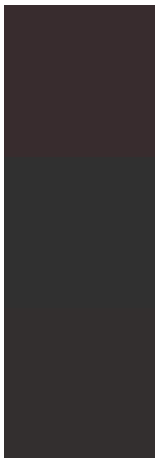
Deuteranomaly

47.5060, -0.7425, 4.8182

Tritanomaly

47.9300, -0.4585, 7.0774

Monochromacy



Original Color

47.8160, -0.8953, 7.1774

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.1960, -0.5896, 2.4591

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.8160, -0.8953, 7.1774 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(56, 44, 46)` looks like.

```
.text, #text, p{  
    color:rgb(56, 44, 46)  
}
```

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(56, 44, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 44, 46) }
```

Border

The CSS property to change the border of an element to YUV 47.8160, -0.8953, 7.1774 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(56, 44, 46) }
```


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

```
.border{ border-color:rgb(56, 44, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 44, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 44, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 44, 46);  
box-shadow:4px 4px 4px 4px rgb(56, 44, 46)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.8160, -0.8953, 7.1774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 44, 46) }
```

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

```
.background{ background-color: rgb(56, 44,  
46) }
```

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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