

Converting Colors

YUV(47.1950, 4.3409, 7.7220)

Have a look what the booklet for
YUV(47.1950, 4.3409, 7.7220)
contains.

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Color

**YUV(47.1950, 4.3409,
7.7220)**

Conversions

Conversions Part 1

Format	Color
Hex	382938
RGB	56, 41, 56
RGB Percent	22%, 16%, 22%
CMY	0.7804, 0.8392, 0.7804
CMYK	0.00, 0.27, 0.00, 0.78
HSL	300°, 15%, 19%
HSV	300°, 27%, 22%
XYZ	3.1376, 2.7122, 4.0995
YIQ	47.1950, 4.1250, 7.8450

Conversions

Conversions Part 2

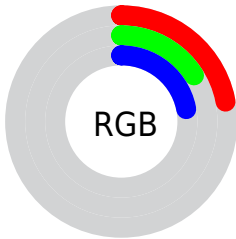
Format	Color
R_{YB}	56, 41, 56
Decimal	3680568
CIE _{Lab}	18.85, 10.17, -6.94
CIE _{LCh}	19, 12.314, 325.681
Yxy	2.7122, 0.3154, 0.2726
Android (android.graphics.Color)	4281870648 (0xFF382938)
YUV	47.1950, 4.3409, 7.7220
Hunter-Lab	16.4686, 5.1881, -3.2309

Details

The YUV color **47.1950, 4.3409, 7.7220** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **49.8050, -4.3409, -7.7220**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.0210, 4.9196, 8.7516**, and **3.7600, 4.0623, 3.7185** is the 20% darker color. If you saturate the color by 10%, you get **43.6730, 6.0772, 10.8108**, and if you desaturate by 10%, it is **50.7170, 2.6045, 4.6332**.

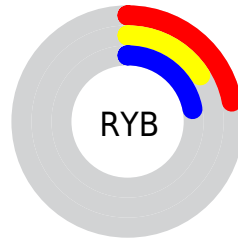
Distribution



Red (22%)

Green (16%)

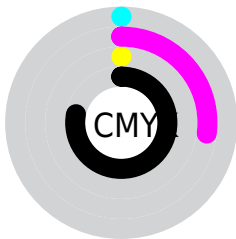
Blue (22%)



Red (22%)

Yellow (16%)

Blue (22%)

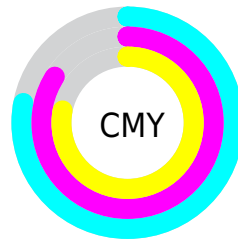


Cyan (0%)

Magenta (27%)

Yellow (0%)

Black (78%)



Cyan (78%)

Magenta (84%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.1950, 4.3409, 7.7220 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 47.1950, 4.3409, 7.7220 by changing the saturation by 10% instead.

■ 47.1950, 4.3409,
7.7220

■ 47.1950, 4.3409,
7.7220

■ 255.0000, 0.0000,
0.0000

■ 26.4830, 4.1989,
6.5924

■ 93.0210, 4.9196,
8.7516

■ 3.7600, 4.0623,
3.7185

■ 118.0210, 4.9196,
8.7516

■ 0.0000, 0.0000,
0.0000

■ 143.4340, 5.2090,
9.2664

■ 169.8470, 5.4984,
9.7812

■ 197.1460, 5.3510,
10.3960

■ 225.1460, 5.3510,

10.3960

249.7170, 2.6045,
4.6332

47.1950, 4.3409,
7.7220

47.1950, 4.3409,
7.7220

43.6730, 6.0772,
10.8108

50.7170, 2.6045,
4.6332

40.7380, 7.5242,
13.3848

53.6520, 1.1576,
2.0592

37.2160, 9.2605,
16.4736

57.1740, -0.5788,
-1.0296

34.2810, 10.7075,
19.0476

60.1090, -2.0257,
-3.6036

30.7590, 12.4438,
22.1364

63.6310, -3.7621,
-6.6924

■ 27.2370, 14.1802,
25.2252

■ 67.1530, -5.4984,
-9.7812

■ 24.3020, 15.6271,
27.7991

■ 70.0880, -6.9454,
-12.3552

■ 23.1280, 16.2059,
28.8287

■ 73.6100, -8.6817,
-15.4440

■ 76.5450, -10.1287,
-18.0180

Harmonies

Analogous

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



46.3510, 7.7150, -1.1848



47.1950, 4.3409, 7.7220



46.7890, 0.1040, 13.3400

Triad

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



47.1950, 4.3409, 7.7220



45.4540, -8.6048, 6.6178



41.0620, 5.8854, -21.1024

Complementary

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



47.1950, 4.3409, 7.7220



49.8050, -4.3409, -7.7220

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.



42.1290, 0.9224, -15.8991



47.1950, 4.3409, 7.7220



44.7520, -7.2727, -0.6595

Square

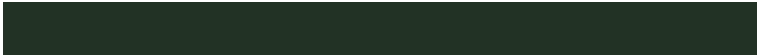
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



47.1950, 4.3409, 7.7220



46.1280, -7.4581, 12.1657



43.6200, -3.7567, -8.4367



41.8820, 8.9322, -18.3135

Rectangle

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



47.1950, 4.3409, 7.7220



46.7030, -2.8116, 15.1695



43.6200, -3.7567, -8.4367



41.3180, 4.2802, -19.5729

Sweetspot

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



47.1950, 4.3409, 7.7220



70.4780, 1.7363, 3.0888



42.7100, 6.5520, -1.4997



35.6520, 1.1576, 2.0592



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.



47.1950, 4.3409, 7.7220



59.9120, 6.9454, 12.3552



46.3970, 1.2833, 8.4218



26.2390, 0.8682, 1.5444



37.9960, 26.6240, 47.3615



90.4470, 63.3766, 112.7410

Inverse Universe

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



47.1950, 4.3409, 7.7220



59.9120, 6.9454, 12.3552



50.7170, -0.8465, -8.5218



26.2390, 0.8682, 1.5444



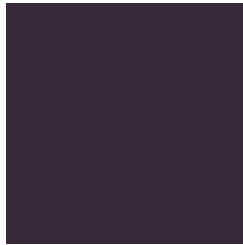
37.9960, 26.6240, 47.3615



90.4470, 63.3766, 112.7410

Previews

White Background



This preview shows how the YUV color 47.1950, 4.3409, 7.7220 looks on a white background.

Color Contrast Check

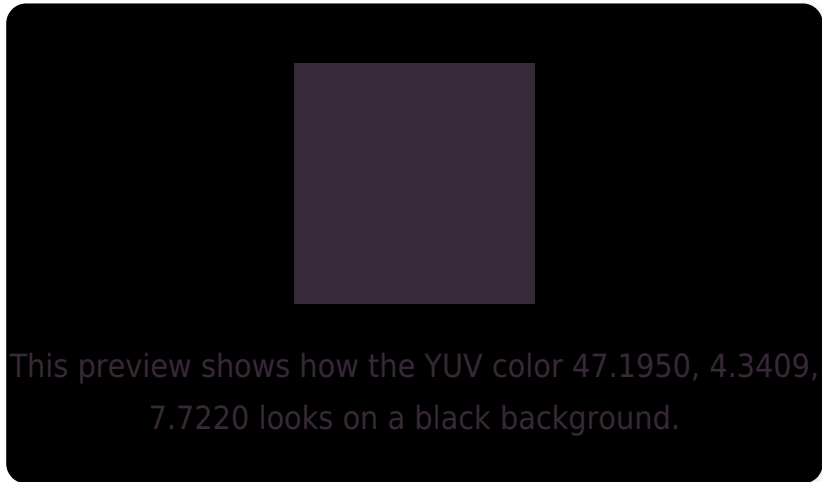
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.1950, 4.3409, 7.7220

Background



This preview shows how black text looks on a background with the YUV color 47.1950, 4.3409, 7.7220.



This preview shows how white text looks on a background with the YUV color 47.1950, 4.3409,

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

47.1950, 4.3409, 7.7220

Protanopia

46.2860, 6.2680, -3.7588

Deuteranopia

46.4390, 4.2206, -0.3850



Tritanopia

46.9300, -0.4585, 7.0774

Trichromacy



Original Color

47.1950, 4.3409, 7.7220

Protanomaly

46.4930, 5.6730, 0.4446

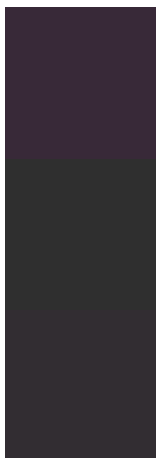
Deuteranomaly

47.0480, 3.9203, 2.5889

Tritanomaly

46.7990, 1.5781, 7.1923

Monochromacy



Original Color

47.1950, 4.3409, 7.7220

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.0650, 1.4470, 2.5740

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.1950, 4.3409, 7.7220 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, 41, 56)` looks like.

```
.text, #text, p{  
    color:rgb(56, 41, 56)  
}
```

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, 41, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 41, 56) }
```

Border

The CSS property to change the border of an element to YUV 47.1950, 4.3409, 7.7220 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, 41, 56) }
```


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

```
.border{ border-color:rgb(56, 41, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 41, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 41, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 41, 56);  
box-shadow:4px 4px 4px 4px rgb(56, 41, 56)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.1950, 4.3409, 7.7220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 41, 56) }
```

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

```
.background{ background-color: rgb(56, 41,  
56) }
```

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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