

Converting Colors

YUV(47.7820, 4.0515, 7.2072)

Have a look what the booklet for
YUV(47.7820, 4.0515, 7.2072)
contains.

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Color

**YUV(47.7820, 4.0515,
7.2072)**

Conversions

Conversions Part 1

Format	Color
Hex	382A38
RGB	56, 42, 56
RGB Percent	22%, 16%, 22%
CMY	0.7804, 0.8353, 0.7804
CMYK	0.00, 0.25, 0.00, 0.78
HSL	300°, 14%, 19%
HSV	300°, 25%, 22%
XYZ	3.1727, 2.7822, 4.1112
YIQ	47.7820, 3.8500, 7.3220

Conversions

Conversions Part 2

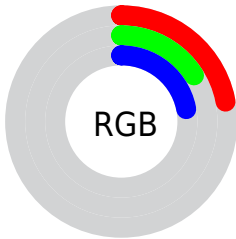
Format	Color
R_{YB}	56, 42, 56
Decimal	3680824
CIE Lab	19.15, 9.48, -6.49
CIE LCh	19, 11.493, 325.598
Yxy	2.7822, 0.3152, 0.2764
Android (android.graphics.Color)	4281870904 (0xFF382A38)
YUV	47.7820, 4.0515, 7.2072
Hunter-Lab	16.6799, 4.7622, -2.9375

Details

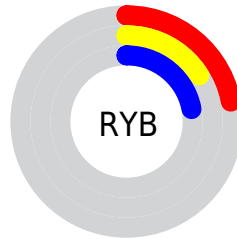
The YUV color **47.7820, 4.0515, 7.2072** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **50.2180, -4.0515, -7.2072**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.6080, 4.6303, 8.2368**, and **4.0590, 3.9149, 4.3333** is the 20% darker color. If you saturate the color by 10%, you get **44.2600, 5.7878, 10.2960**, and if you desaturate by 10%, it is **51.3040, 2.3151, 4.1184**.

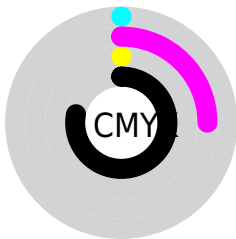
Distribution



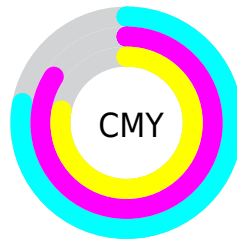
- Red (22%)
- Green (16%)
- Blue (22%)



- Red (22%)
- Yellow (16%)
- Blue (22%)



- Cyan (0%)
- Magenta (25%)
- Yellow (0%)
- Black (78%)



- Cyan (78%)
- Magenta (84%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.7820, 4.0515, 7.2072 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 47.7820, 4.0515, 7.2072 by changing the saturation by 10% instead.

■ 47.7820, 4.0515,
7.2072

■ 47.7820, 4.0515,
7.2072

255.0000, 0.0000,
0.0000

■ 26.4830, 4.1989,
6.5924

■ 93.6080, 4.6303,
8.2368

■ 4.0590, 3.9149,
4.3333

■ 118.6080, 4.6303,
8.2368

■ 0.0000, 0.0000,
0.0000

■ 144.0210, 4.9196,
8.7516

■ 171.0210, 4.9196,
8.7516

■ 198.3200, 4.7722,
9.3664

■ 225.7330, 5.0616,

9.8812

250.3040, 2.3151,
4.1184

47.7820, 4.0515,
7.2072

47.7820, 4.0515,
7.2072

44.2600, 5.7878,
10.2960

51.3040, 2.3151,
4.1184

41.3250, 7.2348,
12.8700

54.2390, 0.8682,
1.5444

37.8030, 8.9711,
15.9588

57.7610, -0.8682,
-1.5444

34.8680, 10.4181,
18.5328

60.6960, -2.3151,
-4.1184

31.3460, 12.1544,
21.6216

64.2180, -4.0515,
-7.2072

■ 27.8240, 13.8908,
24.7104

■ 67.7400, -5.7878,
-10.2960

■ 24.8890, 15.3377,
27.2843

■ 70.6750, -7.2348,
-12.8700

■ 23.1280, 16.2059,
28.8287

■ 74.1970, -8.9711,
-15.9588

■ 77.1320, -10.4181,
-18.5328

Harmonies

Analogous

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



47.1230, 6.8414, -0.9849



47.7820, 4.0515, 7.2072



47.4900, 0.2514, 12.7253

Triad

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



47.7820, 4.0515, 7.2072



46.5680, -8.1680, 6.5179



42.2580, 5.2958, -18.6433

Complementary

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



47.7820, 4.0515, 7.2072



50.2180, -4.0515, -7.2072

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.



42.8410, 1.0644, -14.7696



47.7820, 4.0515, 7.2072



45.1650, -6.9833, -0.1447

Square

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



47.7820, 4.0515, 7.2072



46.9430, -6.8739, 11.4510



44.0330, -3.4673, -7.9219



43.3660, 8.2006, -16.9840

Rectangle

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



47.7820, 4.0515, 7.2072



47.1050, -2.5168, 13.9399



44.0330, -3.4673, -7.9219



42.3290, 4.2748, -17.8285

Sweetspot

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



47.7820, 4.0515, 7.2072



70.4780, 1.7363, 3.0888



43.5960, 6.1152, -1.3997



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.



47.7820, 4.0515, 7.2072



61.0860, 6.3666, 11.3256



46.9840, 0.9939, 7.9070



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.



47.7820, 4.0515, 7.2072



61.0860, 6.3666, 11.3256



51.0160, -0.9939, -7.9070



26.2390, 0.8682, 1.5444



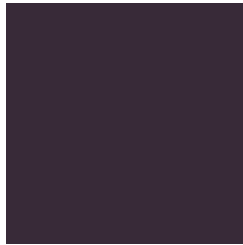
37.9960, 26.6240, 47.3615



90.4470, 63.3766, 112.7410

Previews

White Background



This preview shows how the YUV color 47.7820, 4.0515, 7.2072 looks on a white background.

Color Contrast Check

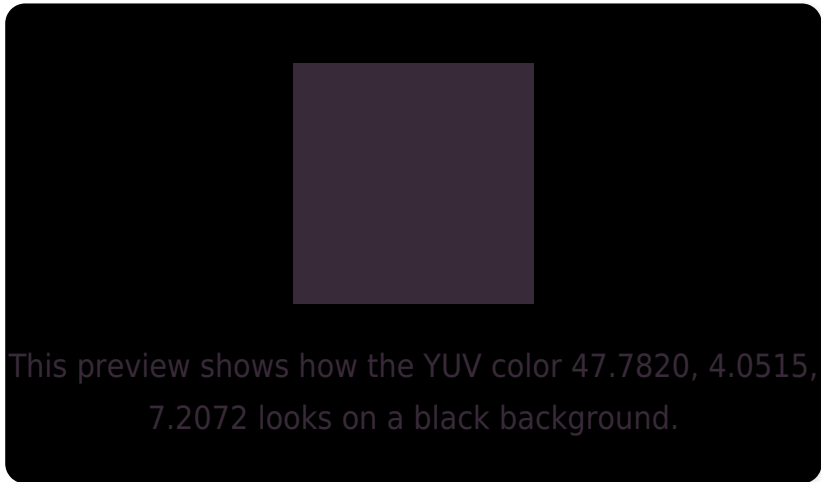
Large Text (above 18pt) WCAG AA ✓ Pass

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

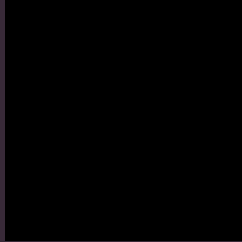
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.7820, 4.0515, 7.2072

Background



This preview shows how black text looks on a background with the YUV color 47.7820, 4.0515, 7.2072.



This preview shows how white text looks on a background with the YUV color 47.7820, 4.0515, 7.2072.

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

47.7820, 4.0515, 7.2072

Protanopia

46.5850, 6.1206, -3.1440

Deuteranopia

47.3250, 3.7838, -0.2850



Tritanopia

47.6310, -0.3111, 6.4626

Trichromacy



Original Color

47.7820, 4.0515, 7.2072

Protanomaly

47.3790, 5.2362, 0.5446

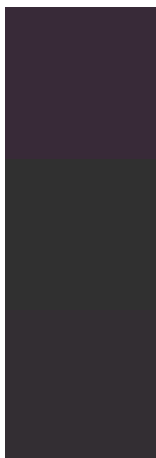
Deuteranomaly

47.6350, 3.6309, 2.0741

Tritanomaly

47.3860, 1.2887, 6.6775

Monochromacy



Original Color

47.7820, 4.0515, 7.2072

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.0650, 1.4470, 2.5740

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.7820, 4.0515, 7.2072 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, 42, 56)` looks like.

```
.text, #text, p{  
    color:rgb(56, 42, 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, 42, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 42, 56) }
```

Border

The CSS property to change the border of an element to YUV 47.7820, 4.0515, 7.2072 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, 42, 56) }
```


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

```
.border{ border-color:rgb(56, 42, 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, 42, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 42, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 42, 56);  
box-shadow:4px 4px 4px 4px rgb(56, 42, 56)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.7820, 4.0515, 7.2072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 42, 56) }
```

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

```
.background{ background-color: rgb(56, 42,  
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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