

Converting Colors

XYZ(47.5960, 52.8326, 38.2610)

Have a look what the booklet for
XYZ(47.5960, 52.8326, 38.2610)
contains.

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Color

**XYZ(47.5960, 52.8326,
38.2610)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C39A
RGB	194, 195, 154
RGB Percent	76%, 76%, 60%
CMY	0.2392, 0.2353, 0.3961
CMYK	0.01, 0.00, 0.21, 0.24
HSL	61°, 25%, 68%
HSV	61°, 21%, 76%
XYZ	47.5960, 52.8326, 38.2610
YIQ	190.0270, 12.5650, -12.9630

Conversions

Conversions Part 2

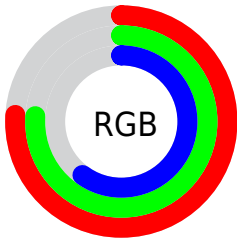
Format	Color
RYB	154, 195, 155
Decimal	12764058
CIELab	77.78, -7.16, 20.55
CIELCh	78, 21.760, 109.197
Yxy	52.8326, 0.3432, 0.3809
Android (android.graphics.Color)	4290954138 (0xFFC2C39A)
YUV	190.0270, -17.7613, 3.4843
Hunter-Lab	72.6860, -10.3159, 19.6707

Details

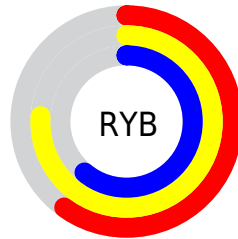
The XYZ color **47.5960, 52.8326, 38.2610** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.9254, 34.0213, 56.3586**, and the grayscale version is **49.0543, 51.6089, 56.2021**.

A 20% lighter version of the original color is **86.1027, 94.7335, 74.0689**, and **22.7883, 25.6045, 16.5731** is the 20% darker color. If you saturate the color by 10%, you get **45.9803, 52.1740, 30.3852**, and if you desaturate by 10%, it is **49.4788, 53.6017, 47.5288**.

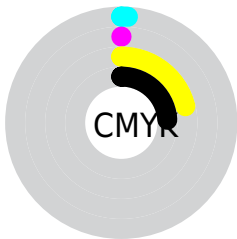
Distribution



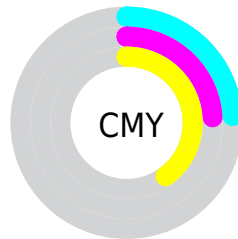
- Red (76%)
- Green (76%)
- Blue (60%)



- Red (60%)
- Yellow (76%)
- Blue (61%)



- Cyan (1%)
- Magenta (0%)
- Yellow (21%)
- Black (24%)



- Cyan (24%)
- Magenta (24%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.5960, 52.8326, 38.2610 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 XYZ color 47.5960, 52.8326, 38.2610 by changing the saturation by 10% instead.

■ 47.5960, 52.8326,
38.2610

■ 47.5960, 52.8326,
38.2610

367.7978,
397.6425, 354.0700

■ 33.7170, 37.6692,
25.8819

■ 85.8159, 94.3580,
73.7159

■ 22.8381, 25.7260,
16.5104

■ 110.8875,
121.4887, 97.6287

■ 14.5941, 16.6188,
9.7278

140.4207,
153.3774, 126.2233

■ 8.6194, 9.9631,
5.1156

174.7809,
190.4083, 159.9180

■ 4.5489, 5.3745,
2.2553

214.3333,
232.9658, 199.1315

■ 2.0171, 2.4686,
0.7060

259.4433,

■ 0.6435, 0.8609,

281.4345, 244.2823

0.0000

310.4764,
336.1986, 295.7890

■ 0.0000, 0.0000,
0.0000

■ 47.5960, 52.8326,
38.2610

■ 47.5960, 52.8326,
38.2610

■ 45.9803, 52.1740,
30.3852

■ 49.4788, 53.6017,
47.5288

■ 44.6147, 51.6136,
23.8309

■ 51.6364, 54.4790,
58.2476

■ 43.4869, 51.1485,
18.5267

■ 54.0813, 55.4712,
70.4773

■ 42.5819, 50.7725,
14.3932

■ 56.8240, 56.5826,
84.2732

■ 41.8826, 50.4788,
11.3417

■ 59.8745, 57.8172,
99.6881

■ 41.3700, 50.2599,
9.2709

■ 60.5570, 58.1046,
102.6313

■ 41.0212, 50.1065,
8.0605

■ 60.6822, 58.1691,
102.6372

■ 40.8088, 50.0091,
7.5019

■ 60.8077, 58.2338,
102.6431

■ 60.9337, 58.2987,
102.6490

Harmonies

Analogous

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



51.7512, 52.8326, 37.5944



47.5960, 52.8326, 38.2610



44.3237, 52.8326, 43.6442

Triad

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



47.5960, 52.8326, 38.2610



45.1006, 52.8326, 76.9590



58.6106, 52.8326, 61.9896

Complementary

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



47.5960, 52.8326, 38.2610



34.9254, 34.0213, 56.3586

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.



56.6083, 52.8326, 74.0767



47.5960, 52.8326, 38.2610



48.7111, 52.8326, 83.4891

Square

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



47.5960, 52.8326, 38.2610



42.9397, 52.8326, 65.5060



52.9300, 52.8326, 82.3662



58.2707, 52.8326, 50.2214

Rectangle

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



47.5960, 52.8326, 38.2610



43.0097, 52.8326, 49.6650



52.9300, 52.8326, 82.3662



58.1849, 52.8326, 66.1749

Sweetspot

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



47.5974, 52.8349, 38.2621



90.4558, 96.7462, 94.2594



40.0088, 37.2739, 35.6585



19.7528, 21.1636, 20.3631



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



47.5974, 52.8349, 38.2621



83.9231, 94.0841, 62.0732



42.7645, 50.3435, 38.0359



10.8883, 11.7454, 10.7551



26.5331, 32.5071, 4.8761



1.1543, 1.4086, 0.2110

Inverse Universe

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



34.9254, 34.0213, 56.3586



57.3688, 54.6586, 99.9963



39.1279, 36.1877, 56.5553



9.5506, 9.7595, 12.6652



6.4514, 2.5863, 33.7158



0.2868, 0.1159, 1.4571

Previews

White Background



This preview shows how the XYZ color 47.5960, 52.8326, 38.2610 looks on a white background.

Color Contrast Check

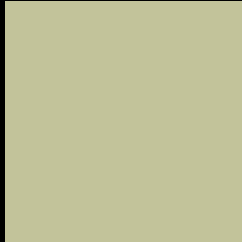
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 47.5960, 52.8326, 38.2610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

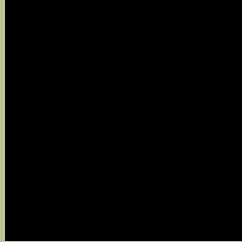
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.5960, 52.8326, 38.2610

Background



This preview shows how black text looks on a background with the XYZ color 47.5960, 52.8326, 38.2610.



This preview shows how white text looks on a background with the XYZ color 47.5960, 52.8326,

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

47.5960, 52.8326, 38.2610

Protanopia

49.4190, 52.8036, 37.2932

Deuteranopia

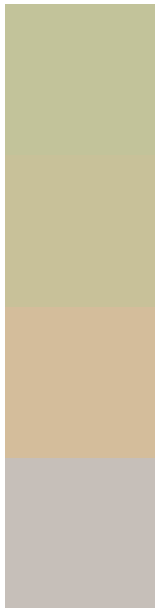
53.7811, 52.7862, 38.8067



Tritanopia

52.8501, 52.6957, 63.8857

Trichromacy



Original Color

47.5960, 52.8326, 38.2610

Protanomaly

48.6392, 52.7192, 37.7493

Deuteranomaly

51.2654, 52.7588, 38.4918

Tritanomaly

50.6765, 52.7702, 53.4137

Monochromacy



Original Color

47.5960, 52.8326, 38.2610

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.2713, 51.9500, 49.0781

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5960, 52.8326, 38.2610 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(194, 195, 154)` looks like.

```
.text, #text, p{  
    color:rgb(194, 195, 154)  
}
```

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(194, 195, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 195, 154) }
```

Border

The CSS property to change the border of an element to XYZ 47.5960, 52.8326, 38.2610 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(194, 195, 154) }
```


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

```
.border{ border-color:rgb(194, 195, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 195, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 195, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 195, 154);  
box-shadow:4px 4px 4px 4px rgb(194, 195,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5960, 52.8326, 38.2610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 195, 154) }
```

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

```
.background{ background-color: rgb(194,  
195, 154) }
```

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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