

Converting Colors

XYZ(47.0070, 52.0317, 61.7283)

Have a look what the booklet for
XYZ(47.0070, 52.0317, 61.7283)
contains.

XYZ(47.0575, 52.0380, 61.5970)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(47.0575, 52.0380,
61.5970)**

Conversions

Conversions Part 1

Format	Color
Hex	ADC3C7
RGB	173, 195, 199
RGB Percent	68%, 76%, 78%
CMY	0.3216, 0.2353, 0.2196
CMYK	0.13, 0.02, 0.00, 0.22
HSL	189°, 19%, 73%
HSV	189°, 13%, 78%
XYZ	47.0575, 52.0380, 61.5970
YIQ	188.8780, -14.3960, -3.4200

Conversions

Conversions Part 2

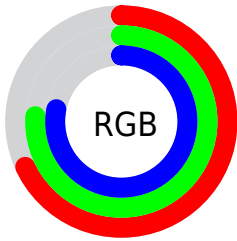
Format	Color
RYB	173, 185, 199
Decimal	11387847
CIELab	77.30, -6.62, -4.54
CIELCh	77, 8.030, 214.450
Yxy	52.0380, 0.2928, 0.3238
Android (android.graphics.Color)	4289577927 (0xFFADC3C7)
YUV	188.8780, 4.9901, -13.9250
Hunter-Lab	72.1374, -9.7992, -0.1307

Details

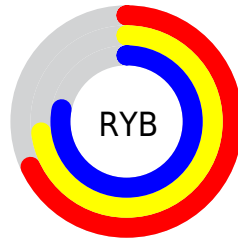
The XYZ color **47.0575, 52.0380, 61.5970** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.8185, 46.6033, 46.0638**, and the grayscale version is **48.2796, 50.7939, 55.3145**.

A 20% lighter version of the original color is **85.1735, 93.4988, 108.1657**, and **22.3814, 25.0872, 30.4507** is the 20% darker color. If you saturate the color by 10%, you get **42.3026, 48.5809, 61.1811**, and if you desaturate by 10%, it is **52.4849, 55.8654, 62.0505**.

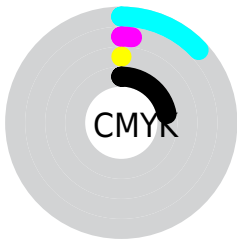
Distribution



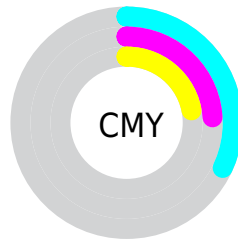
- Red (68%)
- Green (76%)
- Blue (78%)



- Red (68%)
- Yellow (73%)
- Blue (78%)



- Cyan (13%)
- Magenta (2%)
- Yellow (0%)
- Black (22%)



- Cyan (32%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.0575, 52.0380, 61.5970 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 47.0575, 52.0380, 61.5970 by changing the saturation by 10% instead.

■ 47.0575, 52.0380,
61.5970

■ 47.0575, 52.0380,
61.5970

365.6891,
394.5833, 448.4266

■ 33.2893, 37.0354,
44.2735

■ 85.0177, 93.1873,
108.7088

■ 22.5084, 25.2349,
30.5468

109.9403,
120.1027, 139.3342

■ 14.3496, 16.2521,
19.9984

139.3118,
151.7579, 175.2305

■ 8.4476, 9.7027,
12.2098

173.4974,
188.5371, 216.8165

■ 4.4369, 5.2023,
6.7625

212.8626,
230.8249, 264.5105

■ 1.9521, 2.3665,
3.2378

257.7727,

■ 0.6069, 0.8085,

279.0056, 318.7312

1.2173

308.5931,
333.4636, 379.8970

■ 0.0000, 0.0000,
0.0000

■ 47.0575, 52.0380,
61.5970

■ 47.0575, 52.0380,
61.5970

■ 42.3026, 48.5809,
61.1811

■ 52.4849, 55.8654,
62.0505

■ 38.1867, 45.4725,
60.7981

■ 58.6075, 60.0708,
62.5396

■ 34.6802, 42.6989,
60.4476

■ 65.4523, 64.6696,
63.0665

■ 31.7493, 40.2426,
60.1279

■ 73.0438, 69.6746,
63.6324

■ 29.3570, 38.0842,
59.8374

■ 74.6700, 71.6256,
63.9233

■ 27.4617, 36.2023,
59.5740

■ 75.4340, 73.1537,
64.1779

■ 26.0155, 34.5720,
59.3356

■ 76.2126, 74.7108,
64.4375

■ 24.9611, 33.1637,
59.1193

■ 77.0057, 76.2971,
64.7019

■ 24.3870, 32.2796,
58.9789

■ 77.8136, 77.9128,
64.9711

Harmonies

Analogous

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



46.5653, 52.0380, 57.3213



47.0575, 52.0380, 61.5970



48.1937, 52.0380, 64.6655

Triad

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



47.0575, 52.0380, 61.5970



52.1819, 52.0380, 60.3994



49.2311, 52.0380, 48.6153

Complementary

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



47.0575, 52.0380, 61.5970



46.8185, 46.6033, 46.0638

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.



50.7494, 52.0380, 49.3451



47.0575, 52.0380, 61.5970



52.4735, 52.0380, 56.0048

Square

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



47.0575, 52.0380, 61.5970



51.1555, 52.0380, 63.9492



51.9441, 52.0380, 51.9951



47.8035, 52.0380, 49.9478

Rectangle

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



47.0575, 52.0380, 61.5970



49.1746, 52.0380, 65.5320



51.9441, 52.0380, 51.9951



49.7477, 52.0380, 48.6282

Sweetspot

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



47.0590, 52.0402, 61.5982



90.8982, 97.1201, 108.5629



45.5837, 52.9023, 49.3523



19.2936, 20.6744, 23.2236



0.0000, 0.0000, 0.0000



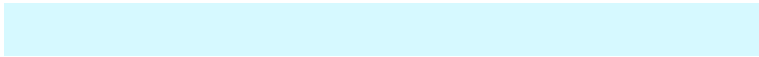
20.3446, 21.4041, 23.3091

Same Dimension

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



47.0590, 52.0402, 61.5982



79.6315, 89.1293, 107.6144



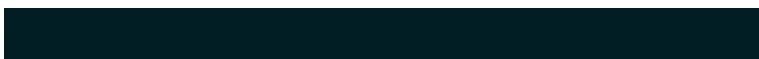
44.2917, 46.5056, 60.6757



10.8025, 11.7790, 13.6217



15.7331, 20.8601, 37.9415



0.7835, 1.0648, 1.8094

Inverse Universe

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



48.3483, 45.9704, 57.9573



82.3936, 76.2770, 99.7802



49.4887, 51.9438, 46.9539



11.0103, 10.7875, 13.0376



19.7407, 9.6458, 24.9080



0.9542, 0.4645, 1.2819

Previews

White Background



This preview shows how the XYZ color 47.0575, 52.0380, 61.5970 looks on a white background.

Color Contrast Check

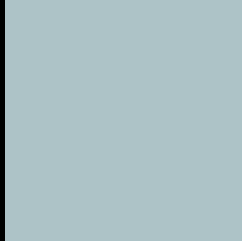
Large Text (above 18pt) WCAG AA × Fail

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 47.0575, 52.0380, 61.5970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

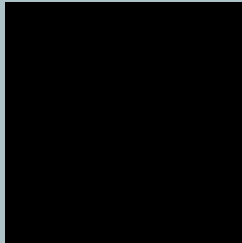
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.0575, 52.0380, 61.5970

Background



This preview shows how black text looks on a background with the XYZ color 47.0575, 52.0380, 61.5970.



This preview shows how white text looks on a background with the XYZ color 47.0575, 52.0380,

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

47.0575, 52.0380, 61.5970

Protanopia

50.1155, 52.0189, 59.6238

Deuteranopia

52.7934, 51.7523, 62.4650



Tritanopia

48.2578, 51.8573, 67.7876

Trichromacy



Original Color

47.0575, 52.0380, 61.5970

Protanomaly

48.9353, 52.0448, 60.2898

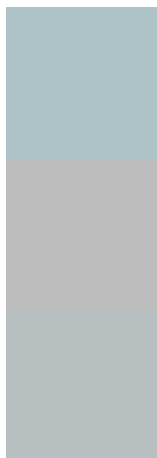
Deuteranomaly

50.6152, 51.9028, 61.9941

Tritanomaly

47.7668, 51.9900, 65.2751

Monochromacy



Original Color

47.0575, 52.0380, 61.5970

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

47.7849, 51.1791, 57.8121

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0575, 52.0380, 61.5970 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(173, 195, 199)` looks like.

```
.text, #text, p{  
    color:rgb(173, 195, 199)  
}
```

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(173, 195, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 195, 199) }
```

Border

The CSS property to change the border of an element to XYZ 47.0575, 52.0380, 61.5970 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(173, 195, 199) }
```


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

```
.border{ border-color:rgb(173, 195, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 195, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 195, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 195, 199);  
box-shadow:4px 4px 4px 4px rgb(173, 195,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0575, 52.0380, 61.5970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 195, 199) }
```

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

```
.background{ background-color: rgb(173,  
195, 199) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor