

Converting Colors

XYZ(47.4691, 52.2067, 61.5478)

Have a look what the booklet for
XYZ(47.4691, 52.2067, 61.5478)
contains.

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Color

**XYZ(47.5031, 52.2677,
61.6178)**

Conversions

Conversions Part 1

Format	Color
Hex	AFC3C7
RGB	175, 195, 199
RGB Percent	69%, 76%, 78%
CMY	0.3137, 0.2353, 0.2196
CMYK	0.12, 0.02, 0.00, 0.22
HSL	190°, 18%, 73%
HSV	190°, 12%, 78%
XYZ	47.5031, 52.2677, 61.6178
YIQ	189.4760, -13.2040, -2.9960

Conversions

Conversions Part 2

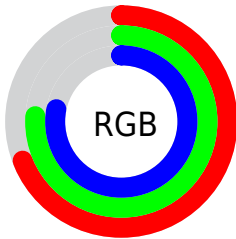
Format	Color
R _Y B	175, 186, 199
Decimal	11518919
CIE Lab	77.44, -5.97, -4.32
CIE LCh	77, 7.370, 215.929
Yxy	52.2677, 0.2943, 0.3239
Android (android.graphics.Color)	4289708999 (0xFFAFC3C7)
YUV	189.4760, 4.6953, -12.6955
Hunter-Lab	72.2964, -9.2334, 0.0750

Details

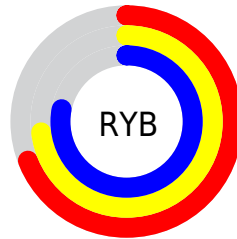
The XYZ color **47.5031, 52.2677, 61.6178** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.4114, 47.4772, 47.2235**, and the grayscale version is **48.6230, 51.1552, 55.7080**.

A 20% lighter version of the original color is **85.8154, 93.8297, 108.1957**, and **22.6618, 25.2317, 30.4639** is the 20% darker color. If you saturate the color by 10%, you get **42.6277, 48.6655, 61.1803**, and if you desaturate by 10%, it is **53.0563, 56.2466, 62.0939**.

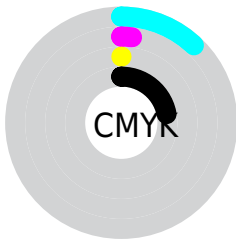
Distribution



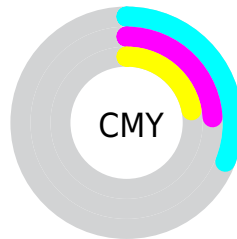
- Red (69%)
- Green (76%)
- Blue (78%)



- Red (69%)
- Yellow (73%)
- Blue (78%)



- Cyan (12%)
- Magenta (2%)
- Yellow (0%)
- Black (22%)



- Cyan (31%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.5031, 52.2677, 61.6178 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 47.5031, 52.2677, 61.6178 by changing the saturation by 10% instead.

■ 47.5031, 52.2677,
61.6178

■ 47.5031, 52.2677,
61.6178

367.4346,
395.4692, 448.5047

■ 33.6432, 37.2185,
44.2902

■ 85.6783, 93.5259,
108.7392

■ 22.7812, 25.3767,
30.5598

110.7243,
120.5037, 139.3700

■ 14.5518, 16.3579,
20.0082

140.2296,
152.2265, 175.2723

■ 8.5897, 9.7778,
12.2169

174.5597,
189.0787, 216.8646

■ 4.5295, 5.2519,
6.7672

214.0799,
231.4447, 264.5654

■ 2.0058, 2.3958,
3.2407

259.1555,

■ 0.6372, 0.8237,

279.7088, 318.7934

1.2188

310.1520,
334.2555, 379.9669

■ 0.0000, 0.0000,
0.0000

■ 47.5031, 52.2677,
61.6178

■ 47.5031, 52.2677,
61.6178

■ 42.6277, 48.6655,
61.1803

■ 53.0563, 56.2466,
62.0939

■ 38.3967, 45.4184,
60.7765

■ 59.3097, 60.6097,
62.6065

■ 34.7807, 42.5125,
60.4062

■ 66.2903, 65.3724,
63.1579

■ 31.7463, 39.9305,
60.0678

■ 74.0224, 70.5475,
63.7493

■ 29.2566, 37.6531,
59.7594

■ 74.9865, 72.2587,
64.0287

■ 27.2707, 35.6590,
59.4792

■ 75.8214, 73.9284,
64.3070

■ 25.7414, 33.9239,
59.2249

■ 76.6734, 75.6324,
64.5910

■ 24.6125, 32.4186,
58.9938

■ 77.5425, 77.3707,
64.8807

■ 23.9195, 31.3446,
58.8231

■ 78.4290, 79.1436,
65.1762

Harmonies

Analogous

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



47.0153, 52.2677, 57.7212



47.5031, 52.2677, 61.6178



48.5748, 52.2677, 64.3439

Triad

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



47.5031, 52.2677, 61.6178



52.2108, 52.2677, 60.1561



49.3977, 52.2677, 49.4901

Complementary

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



47.5031, 52.2677, 61.6178



47.4114, 47.4772, 47.2235

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.



50.7996, 52.2677, 50.0731



47.5031, 52.2677, 61.6178



52.4412, 52.2677, 56.1077

Square

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



47.5031, 52.2677, 61.6178



51.2964, 52.2677, 63.4723



51.9201, 52.2677, 52.4495



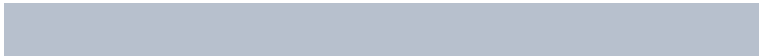
48.0957, 52.2677, 50.8175

Rectangle

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



47.5031, 52.2677, 61.6178



49.4855, 52.2677, 65.0623



51.9201, 52.2677, 52.4495



49.8728, 52.2677, 49.4700

Sweetspot

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



47.5046, 52.2699, 61.6190



90.8569, 97.0374, 108.5492



46.1998, 53.2002, 50.2706



19.2832, 20.6534, 23.2201



0.0000, 0.0000, 0.0000



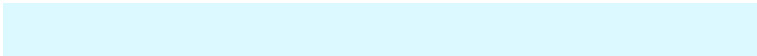
20.3446, 21.4041, 23.3091

Same Dimension

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



47.5046, 52.2699, 61.6190



81.2462, 90.1116, 107.7189



45.0050, 47.2706, 60.7858



10.7906, 11.7552, 13.6177



15.4357, 20.2654, 37.8424



0.7720, 1.0417, 1.8055

Inverse Universe

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



48.7347, 46.7432, 58.0861



83.7572, 78.9227, 100.4861



49.8356, 52.3255, 48.0316



11.0043, 10.7851, 13.0060



19.5906, 9.5858, 24.1176



0.9483, 0.4622, 1.2511

Previews

White Background



This preview shows how the XYZ color 47.5031, 52.2677, 61.6178 looks on a white background.

Color Contrast Check

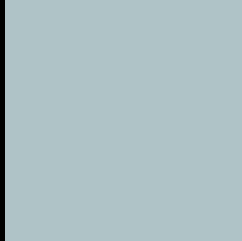
Large Text (above 18pt) WCAG AA × Fail

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 47.5031, 52.2677, 61.6178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

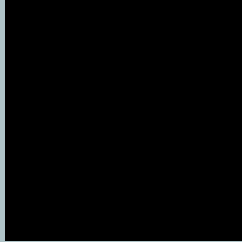
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

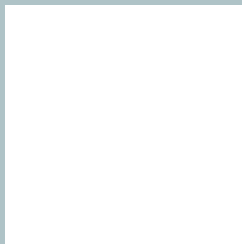
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.5031, 52.2677, 61.6178

Background



This preview shows how black text looks on a background with the XYZ color 47.5031, 52.2677, 61.6178.



This preview shows how white text looks on a background with the XYZ color 47.5031, 52.2677,

61.6178.

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

47.5031, 52.2677, 61.6178

Protanopia

50.3696, 52.1499, 59.6357

Deuteranopia

53.0684, 51.8941, 62.4779



Tritanopia

48.7100, 52.0905, 67.8088

Trichromacy



Original Color

47.5031, 52.2677, 61.6178

Protanomaly

49.1774, 52.1696, 60.3011

Deuteranomaly

50.8711, 52.0347, 62.0061

Tritanomaly

48.2157, 52.2215, 65.2961

Monochromacy



Original Color

47.5031, 52.2677, 61.6178

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.0236, 51.3022, 57.8233

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5031, 52.2677, 61.6178 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(175, 195, 199)` looks like.

```
.text, #text, p{  
    color:rgb(175, 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(175, 195, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 195, 199) }
```

Border

The CSS property to change the border of an element to XYZ 47.5031, 52.2677, 61.6178 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(175, 195, 199) }
```


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

```
.border{ border-color:rgb(175, 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(175, 195, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 195, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 195, 199);  
box-shadow:4px 4px 4px 4px rgb(175, 195,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5031, 52.2677, 61.6178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 195, 199) }
```

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

```
.background{ background-color: rgb(175,  
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](#).

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