

Converting Colors

XYZ(50.2644, 52.0645, 55.9116)

Have a look what the booklet for
XYZ(50.2644, 52.0645, 55.9116)
contains.

XYZ(50.4727, 52.2804, 56.1461)	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(50.4727, 52.2804,
56.1461)**

Conversions

Conversions Part 1

Format	Color
Hex	C4BEBE
RGB	196, 190, 190
RGB Percent	77%, 75%, 75%
CMY	0.2314, 0.2549, 0.2549
CMYK	0.00, 0.03, 0.03, 0.23
HSL	0°, 5%, 76%
HSV	0°, 3%, 77%
XYZ	50.4727, 52.2804, 56.1461
YIQ	191.7940, 3.5760, 1.2720

Conversions

Conversions Part 2

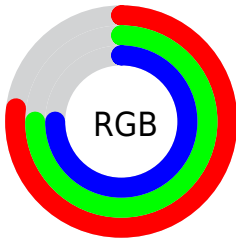
Format	Color
R_{YB}	196, 190, 190
Decimal	12893886
CIE _{Lab}	77.45, 2.10, 0.74
CIE _{LCh}	77, 2.227, 19.345
Yxy	52.2804, 0.3176, 0.3290
Android (android.graphics.Color)	4291083966 (0xFFC4BEBE)
YUV	191.7940, -0.8844, 3.6887
Hunter-Lab	72.3052, -1.9320, 4.5740

Details

The XYZ color **50.4727, 52.2804, 56.1461** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.9389, 54.4118, 60.0431**, and the grayscale version is **49.9876, 52.5908, 57.2714**.

A 20% lighter version of the original color is **90.0983, 93.4480, 100.4774**, and **24.6163, 25.4482, 27.2815** is the 20% darker color. If you saturate the color by 10%, you get **44.5118, 43.5590, 44.2912**, and if you desaturate by 10%, it is **57.2949, 62.2620, 69.7107**.

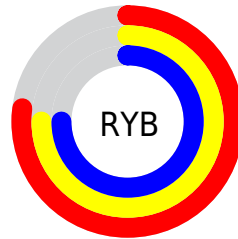
Distribution



Red (77%)

Green (75%)

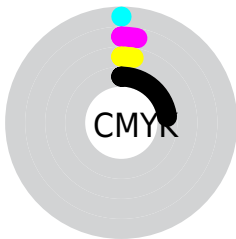
Blue (75%)



Red (77%)

Yellow (75%)

Blue (75%)

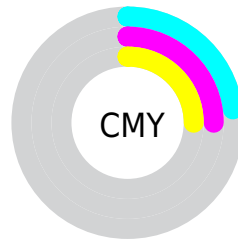


Cyan (0%)

Magenta (3%)

Yellow (3%)

Black (23%)



Cyan (23%)

Magenta (25%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.4727, 52.2804, 56.1461 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 50.4727, 52.2804, 56.1461 by changing the saturation by 10% instead.

■ 50.4727, 52.2804,
56.1461

■ 50.4727, 52.2804,
56.1461

378.9331,
395.5182, 427.6456

■ 36.0085, 37.2286,
39.9153

■ 90.0625, 93.5446,
100.7061

■ 24.6109, 25.3846,
27.1592

115.9188,
120.5259, 129.8723

■ 15.9146, 16.3638,
17.4593

146.3031,
152.2524, 164.1875

■ 9.5542, 9.7819,
10.3971

181.5809,
189.1086, 204.0701

■ 5.1644, 5.2546,
5.5540

222.1174,
231.4789, 249.9387

■ 2.3798, 2.3974,
2.5115

268.2780,

■ 0.8350, 0.8246,

279.7477, 302.2117

0.8462

320.4282,
334.2993, 361.3079

■ 0.0000, 0.0000,
0.0000

■ 50.4727, 52.2804,
56.1461

■ 50.4727, 52.2804,
56.1461

■ 44.5118, 43.5590,
44.2912

■ 57.2949, 62.2620,
69.7107

■ 39.3738, 36.0414,
34.0750

■ 65.0062, 73.5440,
85.0456

■ 35.0240, 29.6767,
25.4264

■ 73.6383, 86.1733,
102.2124

■ 31.4233, 24.4080,
18.2680

■ 76.5753, 90.4759,
108.0354

■ 28.5295, 20.1734,
12.5156

■ 26.2961, 16.9050,
8.0767

■ 24.6711, 14.5266,
4.8478

■ 23.5947, 12.9509,
2.7098

■ 22.9950, 12.0728,
1.5197

Harmonies

Analogous

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



50.5054, 52.2804, 57.3620



50.4727, 52.2804, 56.1461



50.2299, 52.2804, 55.1524

Triad

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



50.4727, 52.2804, 56.1461



49.0683, 52.2804, 55.4004



49.5387, 52.2804, 59.2759

Complementary

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



50.4727, 52.2804, 56.1461



50.9389, 54.4118, 60.0431

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.



49.1559, 52.2804, 58.7341



50.4727, 52.2804, 56.1461



48.8853, 52.2804, 56.4892

Square

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



50.4727, 52.2804, 56.1461



49.4184, 52.2804, 54.7262



48.9173, 52.2804, 57.7100



49.9645, 52.2804, 59.1809

Rectangle

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



50.4727, 52.2804, 56.1461



49.9823, 52.2804, 54.7441



48.9173, 52.2804, 57.7100



49.4008, 52.2804, 59.1619

Sweetspot

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



50.4742, 52.2827, 56.1472



93.8345, 98.2215, 106.4828



51.1430, 52.5490, 59.6728



20.0972, 21.0422, 22.8172



0.0000, 0.0000, 0.0000



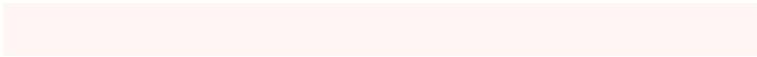
20.3446, 21.4041, 23.3091

Same Dimension

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



50.4742, 52.2827, 56.1472



90.2846, 93.0278, 99.4238



51.1299, 53.5942, 56.3658



10.6854, 10.9739, 11.6928



14.6285, 7.5428, 0.6849



0.6322, 0.3262, 0.0296

Inverse Universe

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



50.9389, 54.4118, 60.0431



91.3946, 98.1128, 108.7284



50.2697, 53.0734, 59.8200



10.8373, 11.6698, 12.9661



19.0699, 27.8964, 37.9361



0.8241, 1.2056, 1.6392

Previews

White Background



This preview shows how the XYZ color 50.4727, 52.2804, 56.1461 looks on a white background.

Color Contrast Check

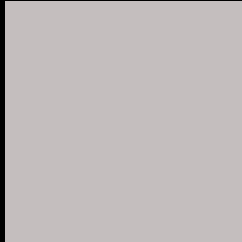
Large Text (above 18pt) WCAG AA × Fail

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 50.4727, 52.2804, 56.1461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

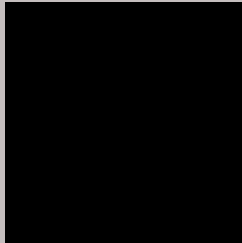
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

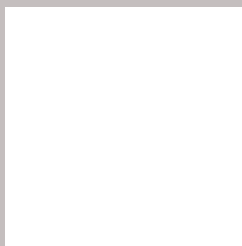
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.4727, 52.2804, 56.1461

Background



This preview shows how black text looks on a background with the XYZ color 50.4727, 52.2804, 56.1461.

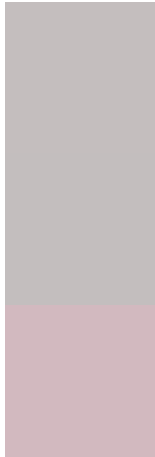


This preview shows how white text looks on a background with the XYZ color 50.4727, 52.2804,

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

50.4727, 52.2804, 56.1461

Protanopia

50.2134, 52.1467, 56.1340

Deuteranopia

53.3313, 52.1611, 56.5475



Tritanopia

52.0514, 52.2840, 63.8483

Trichromacy



Original Color

50.4727, 52.2804, 56.1461

Protanomaly

50.2134, 52.1467, 56.1340

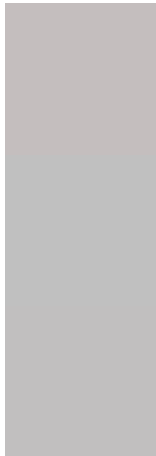
Deuteranomaly

52.3511, 52.2814, 56.6223

Tritanomaly

51.4166, 52.3427, 60.8193

Monochromacy



Original Color

50.4727, 52.2804, 56.1461

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.0271, 52.3606, 56.7601

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4727, 52.2804, 56.1461 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(196, 190, 190)` looks like.

```
.text, #text, p{  
    color:rgb(196, 190, 190)  
}
```

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(196, 190, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 190, 190) }
```

Border

The CSS property to change the border of an element to XYZ 50.4727, 52.2804, 56.1461 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(196, 190, 190) }
```


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

```
.border{ border-color:rgb(196, 190, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 190, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 190, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 190, 190);  
box-shadow:4px 4px 4px 4px rgb(196, 190,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4727, 52.2804, 56.1461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 190, 190) }
```

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

```
.background{ background-color: rgb(196,  
190, 190) }
```

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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