

Converting Colors

XYZ(52.6618, 58.1037, 60.6555)

Have a look what the booklet for
XYZ(52.6618, 58.1037, 60.6555)
contains.

XYZ(52.5429, 57.9901, 60.6484)	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(52.5429, 57.9901,
60.6484)**

Conversions

Conversions Part 1

Format	Color
Hex	BDCCC4
RGB	189, 204, 196
RGB Percent	74%, 80%, 77%
CMY	0.2588, 0.2000, 0.2314
CMYK	0.07, 0.00, 0.04, 0.20
HSL	148°, 13%, 77%
HSV	148°, 7%, 80%
XYZ	52.5429, 57.9901, 60.6484
YIQ	198.6030, -6.3720, -5.6680

Conversions

Conversions Part 2

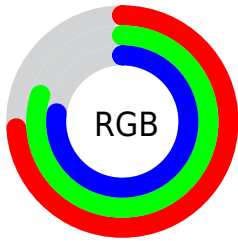
Format	Color
RYB	189, 199, 204
Decimal	12438724
CIELab	80.73, -6.60, 2.22
CIELCh	81, 6.962, 161.365
Yxy	57.9901, 0.3069, 0.3388
Android (android.graphics.Color)	4290628804 (0xFFBDCCC4)
YUV	198.6030, -1.2833, -8.4218
Hunter-Lab	76.1512, -10.1031, 6.0861

Details

The XYZ color **52.5429, 57.9901, 60.6484** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.1796, 53.2652, 60.3044**, and the grayscale version is **54.0553, 56.8704, 61.9319**.

A 20% lighter version of the original color is **91.1458, 98.0243, 107.0452**, and **25.9422, 28.9999, 29.8214** is the 20% darker color. If you saturate the color by 10%, you get **46.6402, 55.0867, 54.1395**, and if you desaturate by 10%, it is **59.2506, 61.3013, 67.6664**.

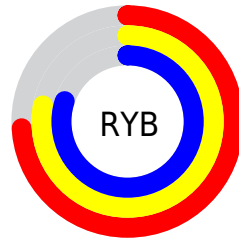
Distribution



Red (74%)

Green (80%)

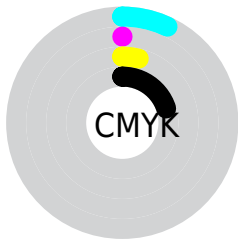
Blue (77%)



Red (74%)

Yellow (78%)

Blue (80%)

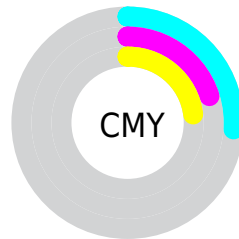


Cyan (7%)

Magenta (0%)

Yellow (4%)

Black (20%)



Cyan (26%)

Magenta (20%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.5429, 57.9901, 60.6484 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 52.5429, 57.9901, 60.6484 by changing the saturation by 10% instead.

■ 52.5429, 57.9901,
60.6484

■ 52.5429, 57.9901,
60.6484

386.8186,
417.1490, 444.8545

■ 37.6640, 41.8007,
43.5128

■ 93.1009, 101.9084,
107.3222

■ 25.8980, 28.9453,
29.9533

119.5107,
130.4062, 137.6975

■ 16.8797, 19.0394,
19.5514

150.4949,
163.7754, 173.3231

■ 10.2435, 11.6988,
11.8885

186.4188,
202.4007, 214.6176

■ 5.6242, 6.5389,
6.5462

227.6478,
246.6663, 261.9994

■ 2.6564, 3.1755,
3.1058

274.5471,

■ 0.9748, 1.2240,

296.9566, 315.8871

1.1489

327.4823,
353.6560, 376.6993

■ 0.0000, 0.0812,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.5429, 57.9901,
60.6484

■ 52.5429, 57.9901,
60.6484

■ 46.6402, 55.0867,
54.1395

■ 59.2506, 61.3013,
67.6664

■ 41.5061, 52.5678,
48.1246

■ 66.7879, 65.0280,
75.2007

■ 37.1087, 50.4188,
42.5931

■ 75.1848, 69.1870,
83.2632

■ 33.4118, 48.6211,
37.5328

■ 78.4925, 70.7114,
91.5845

■ 30.3761, 47.1549,
32.9309

■ 80.1541, 71.3761,
100.3346

■ 27.9582, 45.9979,
28.7740

■ 80.8840, 71.6680,
104.1780

■ 26.1092, 45.1253,
25.0478

■ 24.7721, 44.5079,
21.7372

■ 23.8690, 44.1058,
18.8256

Harmonies

Analogous

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



53.3134, 57.9901, 57.3911



52.5429, 57.9901, 60.6484



52.4552, 57.9901, 64.7124

Triad

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



52.5429, 57.9901, 60.6484



55.6637, 57.9901, 71.2148



57.2160, 57.9901, 58.0588

Complementary

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



52.5429, 57.9901, 60.6484



53.1796, 53.2652, 60.3044

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.



57.8691, 57.9901, 61.5960



52.5429, 57.9901, 60.6484



56.9626, 57.9901, 69.2634

Square

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



52.5429, 57.9901, 60.6484



54.2404, 57.9901, 70.9340



57.7756, 57.9901, 65.7017



56.0047, 57.9901, 55.9414

Rectangle

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



52.5429, 57.9901, 60.6484



52.7939, 57.9901, 67.3469



57.7756, 57.9901, 65.7017



57.5090, 57.9901, 59.1146

Sweetspot

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



52.5445, 57.9926, 60.6497



92.7635, 98.8715, 106.5228



53.8718, 58.7667, 56.6486



19.8792, 21.1744, 22.8253



0.0000, 0.0000, 0.0000



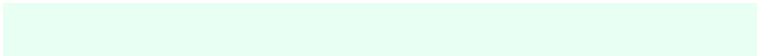
20.3446, 21.4041, 23.3091

Same Dimension

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



52.5445, 57.9926, 60.6497



85.1960, 95.1406, 98.4760



53.3904, 58.3309, 65.1041



11.2822, 12.6226, 13.0435



14.9422, 27.7222, 11.6465



0.8091, 1.4454, 0.8020

Inverse Universe

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



53.1796, 53.2652, 60.3044



86.4842, 85.5508, 97.7756



52.3681, 52.9406, 56.0313



11.4583, 11.3120, 12.9478



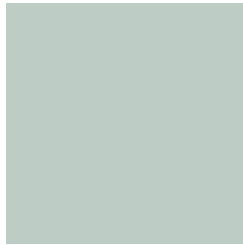
17.4523, 8.7915, 10.1003



0.9385, 0.4688, 0.7218

Previews

White Background



This preview shows how the XYZ color 52.5429, 57.9901, 60.6484 looks on a white background.

Color Contrast Check

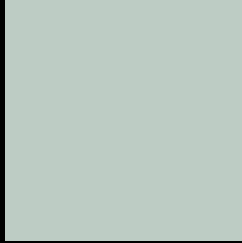
Large Text (above 18pt) WCAG AA × Fail

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 52.5429, 57.9901, 60.6484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

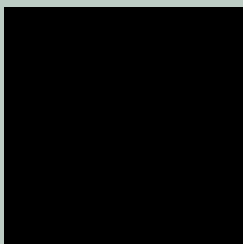
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

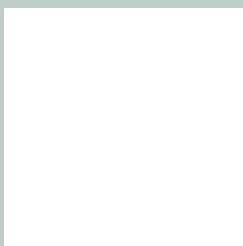
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.5429, 57.9901, 60.6484

Background



This preview shows how black text looks on a background with the XYZ color 52.5429, 57.9901, 60.6484.



This preview shows how white text looks on a background with the XYZ color 52.5429, 57.9901,

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

52.5429, 57.9901, 60.6484

Protanopia

55.2259, 57.6762, 58.6740

Deuteranopia

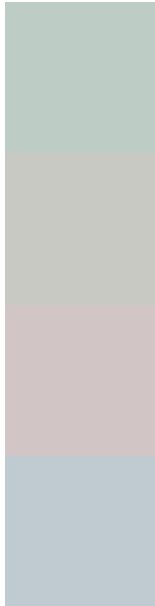
59.0000, 57.8764, 61.4877



Tritanopia

55.1493, 57.9895, 73.9321

Trichromacy



Original Color

52.5429, 57.9901, 60.6484

Protanomaly

54.1774, 57.8104, 59.3420

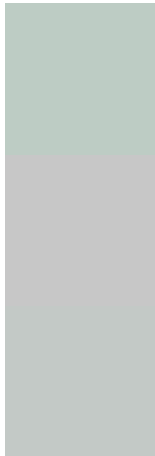
Deuteranomaly

56.5666, 57.9747, 61.0322

Tritanomaly

54.1150, 57.9209, 68.6493

Monochromacy



Original Color

52.5429, 57.9901, 60.6484

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.5854, 57.4526, 61.6913

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5429, 57.9901, 60.6484 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(189, 204, 196)` looks like.

```
.text, #text, p{  
    color:rgb(189, 204, 196)  
}
```

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(189, 204, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 204, 196) }
```

Border

The CSS property to change the border of an element to XYZ 52.5429, 57.9901, 60.6484 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(189, 204, 196) }
```


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

```
.border{ border-color:rgb(189, 204, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 204, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 204, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 204, 196);  
box-shadow:4px 4px 4px 4px rgb(189, 204,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5429, 57.9901, 60.6484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 204, 196) }
```

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

```
.background{ background-color: rgb(189,  
204, 196) }
```

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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