

Converting Colors

XYZ(52.8230, 58.7388, 56.9432)

Have a look what the booklet for
XYZ(52.8230, 58.7388, 56.9432)
contains.

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Color

**XYZ(52.7549, 58.5432,
56.6636)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C0CDBD |
| RGB | 192, 205, 189 |
| RGB Percent | 75%, 80%, 74% |
| CMY | 0.2471, 0.1961, 0.2588 |
| CMYK | 0.06, 0.00, 0.08, 0.20 |
| HSL | 109°, 14%, 77% |
| HSV | 109°, 8%, 80% |
| XYZ | 52.7549, 58.5432, 56.6636 |
| YIQ | 199.2890, -2.6120, -7.7320 |

Conversions

Conversions Part 2

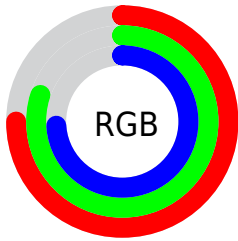
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 189, 205, 202 |
| Decimal | 12635581 |
| CIE Lab | 81.04, -7.37, 6.44 |
| CIE LCh | 81, 9.784, 138.846 |
| Yxy | 58.5432, 0.3141, 0.3486 |
| Android (android.graphics.Color) | 4290825661 (0xFFC0CDBD) |
| YUV | 199.2890, -5.0725, -6.3925 |
| Hunter-Lab | 76.5135, -10.8257, 9.6511 |

Details

The XYZ color **52.7549, 58.5432, 56.6636** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.5763, 53.3611, 65.2365**, and the grayscale version is **54.4956, 57.3337, 62.4364**.

A 20% lighter version of the original color is **90.9528, 98.0690, 100.5217**, and **26.1580, 29.3998, 27.5886** is the 20% darker color. If you saturate the color by 10%, you get **46.7036, 55.6646, 45.5738**, and if you desaturate by 10%, it is **59.6014, 61.7988, 69.4350**.

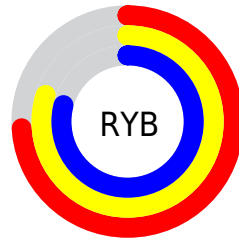
Distribution



Red (75%)

Green (80%)

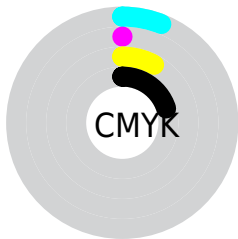
Blue (74%)



Red (74%)

Yellow (80%)

Blue (79%)

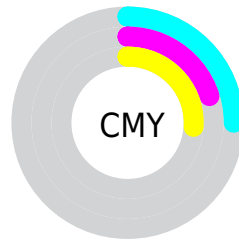


Cyan (6%)

Magenta (0%)

Yellow (8%)

Black (20%)



Cyan (25%)

Magenta (20%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.7549, 58.5432, 56.6636 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 52.7549, 58.5432, 56.6636 by changing the saturation by 10% instead.

■ 52.7549, 58.5432,
56.6636

■ 52.7549, 58.5432,
56.6636

387.6203,
419.2070, 429.6460

■ 37.8338, 42.2455,
40.3277

■ 93.4113, 102.7135,
101.4696

■ 26.0304, 29.2936,
27.4784

119.8773,
131.3548, 130.7768

■ 16.9792, 19.3030,
17.6972

150.9223,
164.8795, 165.2448

■ 10.3149, 11.8894,
10.5656

186.9117,
203.6720, 205.2921

■ 5.6721, 6.6684,
5.6651

228.2109,
248.1165, 251.3374

■ 2.6855, 3.2556,
2.5771

275.1851,

■ 0.9897, 1.2666,

298.5976, 303.7991

0.8806

328.1998,
355.4996, 363.0958

■ 0.0000, 0.1151,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.7549, 58.5432,
56.6636

■ 52.7549, 58.5432,
56.6636

■ 46.7036, 55.6646,
45.5738

■ 59.6014, 61.7988,
69.4350

■ 41.4138, 53.1419,
36.0919

■ 67.2657, 65.4366,
83.9500

■ 36.8563, 50.9636,
28.1444

■ 75.7757, 69.4712,
100.2720

■ 32.9981, 49.1144,
21.6507

■ 81.1224, 72.1449,
104.2575

■ 29.8040, 47.5780,
16.5226

■ 27.2351, 46.3364,
12.6625

■ 25.2488, 45.3702,
9.9598

■ 23.7963, 44.6570,
8.2851

■ 22.8154, 44.1687,
7.4521

Harmonies

Analogous

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



54.3917, 58.5432, 53.7348



52.7549, 58.5432, 56.6636



51.8997, 58.5432, 61.6045

Triad

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



52.7549, 58.5432, 56.6636



54.8916, 58.5432, 75.3572



59.4215, 58.5432, 60.1990

Complementary

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



52.7549, 58.5432, 56.6636



53.5763, 53.3611, 65.2365

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.



59.5633, 58.5432, 65.9316



52.7549, 58.5432, 56.6636



56.9145, 58.5432, 74.9239

Square

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



52.7549, 58.5432, 56.6636



53.1132, 58.5432, 72.5401



58.6358, 58.5432, 71.3901



58.2531, 58.5432, 55.6886

Rectangle

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



52.7549, 58.5432, 56.6636



51.8736, 58.5432, 65.4788



58.6358, 58.5432, 71.3901



59.5919, 58.5432, 62.0393

Sweetspot

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



52.7565, 58.5457, 56.6649



92.7315, 98.8984, 104.5621



55.4382, 58.8031, 56.5732



19.8727, 21.1799, 22.4260



0.0000, 0.0000, 0.0000



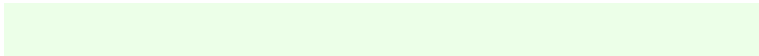
20.3446, 21.4041, 23.3091

Same Dimension

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



52.7565, 58.5457, 56.6649



85.0418, 95.2423, 90.2826



52.5345, 58.3700, 59.4204



11.2610, 12.6364, 11.9250



14.1581, 27.4741, 4.5568



0.7909, 1.4485, 0.2379

Inverse Universe

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



53.5763, 53.3611, 65.2365



86.5955, 85.4145, 106.5303



53.8252, 53.5553, 62.2688



11.4734, 11.2933, 14.1455



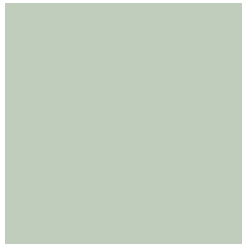
16.8000, 7.8682, 36.5895



0.9214, 0.4341, 1.8902

Previews

White Background



This preview shows how the XYZ color 52.7549, 58.5432, 56.6636 looks on a white background.

Color Contrast Check

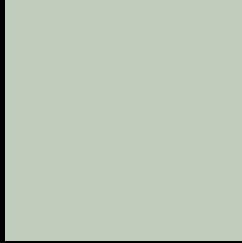
Large Text (above 18pt) WCAG AA × Fail

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 52.7549, 58.5432, 56.6636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

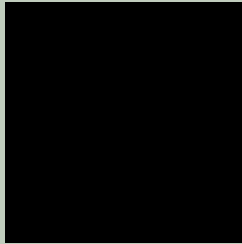
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.7549, 58.5432, 56.6636

Background



This preview shows how black text looks on a background with the XYZ color 52.7549, 58.5432, 56.6636.



This preview shows how white text looks on a background with the XYZ color 52.7549, 58.5432,

56.6636.

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

52.7549, 58.5432, 56.6636

Protanopia

55.5296, 58.2636, 54.7737

Deuteranopia

59.4362, 58.1925, 57.3899



Tritanopia

56.1760, 58.5188, 73.9801

Trichromacy



Original Color

52.7549, 58.5432, 56.6636

Protanomaly

54.4473, 58.3855, 55.4136

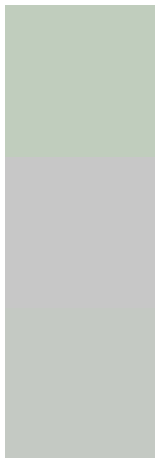
Deuteranomaly

56.6397, 58.1029, 56.9449

Tritanomaly

54.8887, 58.3482, 67.4009

Monochromacy



Original Color

52.7549, 58.5432, 56.6636

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.5019, 57.4492, 59.8987

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7549, 58.5432, 56.6636 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(192, 205, 189)` looks like.

```
.text, #text, p{  
    color:rgb(192, 205, 189)  
}
```

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(192, 205, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 205, 189) }
```

Border

The CSS property to change the border of an element to XYZ 52.7549, 58.5432, 56.6636 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(192, 205, 189) }
```


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

```
.border{ border-color:rgb(192, 205, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 205, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 205, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 205, 189);  
box-shadow:4px 4px 4px 4px rgb(192, 205,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7549, 58.5432, 56.6636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 205, 189) }
```

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

```
.background{ background-color: rgb(192,  
205, 189) }
```

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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