

Converting Colors

XYZ(52.8628, 52.1798, 58.9153)

Have a look what the booklet for
XYZ(52.8628, 52.1798, 58.9153)
contains.

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Color

**XYZ(52.8628, 52.1798,
58.9153)**

Conversions

Conversions Part 1

Format	Color
Hex	CEBAC3
RGB	206, 186, 195
RGB Percent	81%, 73%, 76%
CMY	0.1922, 0.2706, 0.2353
CMYK	0.00, 0.10, 0.05, 0.19
HSL	333°, 17%, 77%
HSV	333°, 10%, 81%
XYZ	52.8628, 52.1798, 58.9153
YIQ	193.0060, 9.0310, 7.0390

Conversions

Conversions Part 2

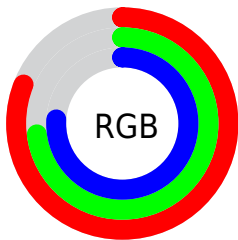
Format	Color
R _Y B	206, 186, 195
Decimal	13548227
CIE Lab	77.39, 8.65, -1.96
CIE LCh	77, 8.872, 347.236
Yxy	52.1798, 0.3224, 0.3183
Android (android.graphics.Color)	4291738307 (0xFFCEBAC3)
YUV	193.0060, 0.9830, 11.3957
Hunter-Lab	72.2356, 4.2160, 2.2080

Details

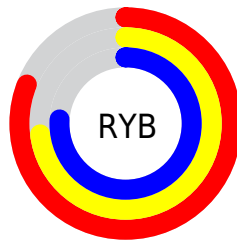
The XYZ color **52.8628, 52.1798, 58.9153** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.4010, 58.6142, 61.3780**, and the grayscale version is **50.6840, 53.3236, 58.0694**.

A 20% lighter version of the original color is **90.5628, 91.7925, 105.0400**, and **26.1441, 25.3735, 28.7189** is the 20% darker color. If you saturate the color by 10%, you get **47.5992, 43.6254, 51.0776**, and if you desaturate by 10%, it is **58.8522, 62.0290, 67.4760**.

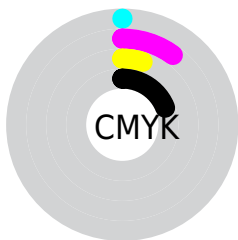
Distribution



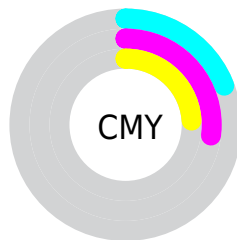
- Red (81%)
- Green (73%)
- Blue (76%)



- Red (81%)
- Yellow (73%)
- Blue (76%)



- Cyan (0%)
- Magenta (10%)
- Yellow (5%)
- Black (19%)





- Cyan (19%)
- Magenta (27%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.8628, 52.1798, 58.9153 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 52.8628, 52.1798, 58.9153 by changing the saturation by 10% instead.


 52.8628, 52.1798,
58.9153

 52.8628, 52.1798,
58.9153


388.0280,
395.1303, 438.2811

 37.9203, 37.1484,
42.1254


 93.5692, 93.3964,
104.7825

 26.0978, 25.3224,
28.8732


120.0637,
120.3503, 134.6968

 17.0299, 16.3174,
18.7401

151.1397,
152.0472, 169.8230

 10.3512, 9.7491,
11.3078

187.1624,
188.8715, 210.5796

 5.6965, 5.2329,
6.1575

228.4973,
231.2076, 257.3852

 2.7003, 2.3845,
2.8707

275.5096,

 0.9973, 0.8179,

279.4398, 310.6583

1.0290

328.5647,
333.9526, 370.8174

■ 0.0000, 0.0000,
0.0000

■ 52.8628, 52.1798,
58.9153

■ 52.8628, 52.1798,
58.9153

■ 47.5992, 43.6254,
51.0776

■ 58.8522, 62.0290,
67.4760

■ 43.0283, 36.3047,
43.9394

■ 65.5902, 73.2169,
76.7756

■ 39.1207, 30.1620,
37.4806

■ 73.1039, 85.7941,
86.8337

■ 35.8432, 25.1347,
31.6787

■ 76.9910, 90.9528,
96.1926

■ 33.1596, 21.1540,
26.5099

■ 78.7309, 91.6488,
105.3547

■ 31.0299, 18.1439,
21.9485

■ 79.2638, 91.8619,
108.1612

■ 29.4085, 16.0175,
17.9664

■ 28.2420, 14.6723,
14.5323

■ 27.4368, 13.9256,
11.6008

Harmonies

Analogous

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



52.0420, 52.1798, 63.4332



52.8628, 52.1798, 58.9153



52.7937, 52.1798, 54.0774

Triad

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



52.8628, 52.1798, 58.9153



48.6300, 52.1798, 48.3089



47.4019, 52.1798, 63.9924

Complementary

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



52.8628, 52.1798, 58.9153



52.4010, 58.6142, 61.3780

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.



46.5288, 52.1798, 59.6433



52.8628, 52.1798, 58.9153



47.2266, 52.1798, 50.6738

Square

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



52.8628, 52.1798, 58.9153



50.3234, 52.1798, 48.1389



46.4654, 52.1798, 54.7651



48.8743, 52.1798, 66.4754

Rectangle

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



52.8628, 52.1798, 58.9153



52.2522, 52.1798, 51.3195



46.4654, 52.1798, 54.7651



47.0301, 52.1798, 62.6893

Sweetspot

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



52.8643, 52.1821, 58.9164



91.9877, 94.9477, 104.5733



51.7273, 51.4469, 65.5970



19.5180, 20.0409, 22.1394



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.



52.8643, 52.1821, 58.9164



83.4605, 80.9695, 92.2475



52.0887, 52.2100, 53.7894



11.4186, 11.2962, 12.7390



16.9289, 8.5822, 7.3443



0.9114, 0.4580, 0.5793

Inverse Universe

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



52.8643, 52.1821, 58.9164



83.4605, 80.9695, 92.2475



53.2232, 58.5592, 66.8910



11.4186, 11.2962, 12.7390



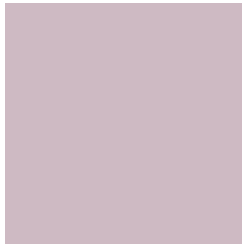
16.9289, 8.5822, 7.3443



0.9114, 0.4580, 0.5793

Previews

White Background



This preview shows how the XYZ color 52.8628, 52.1798, 58.9153 looks on a white background.

Color Contrast Check

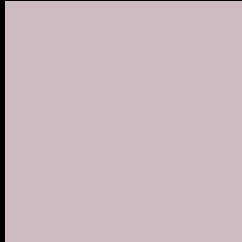
Large Text (above 18pt) WCAG AA × Fail

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 52.8628, 52.1798, 58.9153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

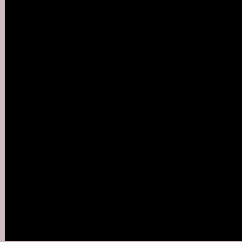
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.8628, 52.1798, 58.9153

Background



This preview shows how black text looks on a background with the XYZ color 52.8628, 52.1798, 58.9153.



This preview shows how white text looks on a background with the XYZ color 52.8628, 52.1798,

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

52.8628, 52.1798, 58.9153

Protanopia

50.4838, 52.1956, 60.2373

Deuteranopia

53.2117, 52.0480, 58.8715



Tritanopia

53.5064, 52.1335, 61.8863

Trichromacy



Original Color

52.8628, 52.1798, 58.9153

Protanomaly

51.4501, 52.3865, 59.6244

Deuteranomaly

52.9314, 51.9035, 58.8583

Tritanomaly

53.2741, 52.0405, 60.6631

Monochromacy



Original Color

52.8628, 52.1798, 58.9153

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.4398, 52.7277, 58.5052

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8628, 52.1798, 58.9153 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(206, 186, 195) looks like.

```
.text, #text, p{  
    color:rgb(206, 186, 195)  
}
```

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(206, 186, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 186, 195) }
```

Border

The CSS property to change the border of an element to XYZ 52.8628, 52.1798, 58.9153 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(206, 186, 195) }
```


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

```
.border{ border-color:rgb(206, 186, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 186, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 186, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 186, 195);  
box-shadow:4px 4px 4px 4px rgb(206, 186,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8628, 52.1798, 58.9153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 186, 195) }
```

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

```
.background{ background-color: rgb(206,  
186, 195) }
```

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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