

Converting Colors

XYZ(52.1924, 58.1567, 57.8552)

Have a look what the booklet for
XYZ(52.1924, 58.1567, 57.8552)
contains.

XYZ(52.2216, 58.2430, 57.7799)	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(52.2216, 58.2430,
57.7799)**

Conversions

Conversions Part 1

Format	Color
Hex	BDCDBF
RGB	189, 205, 191
RGB Percent	74%, 80%, 75%
CMY	0.2588, 0.1961, 0.2510
CMYK	0.08, 0.00, 0.07, 0.20
HSL	127°, 14%, 77%
HSV	127°, 8%, 80%
XYZ	52.2216, 58.2430, 57.7799
YIQ	198.6200, -5.0420, -7.7460

Conversions

Conversions Part 2

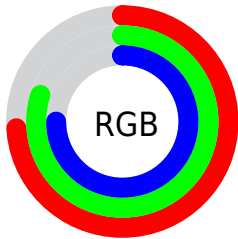
Format	Color
RYB	189, 203, 205
Decimal	12438975
CIELab	80.87, -8.04, 5.10
CIELCh	81, 9.523, 147.597
Yxy	58.2430, 0.3104, 0.3462
Android (android.graphics.Color)	4290629055 (0xFFBDCDBF)
YUV	198.6200, -3.7567, -8.4367
Hunter-Lab	76.3171, -11.4125, 8.5333

Details

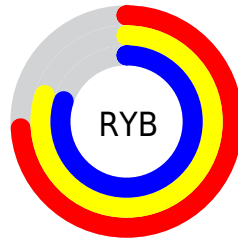
The XYZ color **52.2216, 58.2430, 57.7799** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.1561, 53.6877, 64.0112**, and the grayscale version is **54.0797, 56.8961, 61.9598**.

A 20% lighter version of the original color is **90.2047, 97.6479, 102.0893**, and **25.8074, 29.2024, 28.3212** is the 20% darker color. If you saturate the color by 10%, you get **45.6367, 55.0643, 47.7904**, and if you desaturate by 10%, it is **59.7704, 61.8939, 69.0792**.

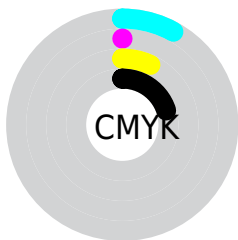
Distribution



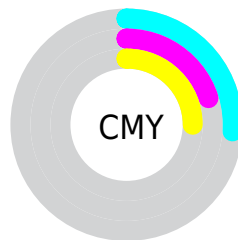
- Red (74%)
- Green (80%)
- Blue (75%)



- Red (74%)
- Yellow (80%)
- Blue (80%)



- Cyan (8%)
- Magenta (0%)
- Yellow (7%)
- Black (20%)



- Cyan (26%)
- Magenta (20%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.2216, 58.2430, 57.7799 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 52.2216, 58.2430, 57.7799 by changing the saturation by 10% instead.

■ 52.2216, 58.2430,
57.7799

■ 52.2216, 58.2430,
57.7799

385.6014,
418.0908, 433.9406

■ 37.4067, 42.0040,
41.2182

■ 92.6303, 102.2766,
103.1139

■ 25.6977, 29.1045,
28.1686

118.9548,
130.8401, 132.7232

■ 16.7291, 19.1599,
18.2127

149.8465,
164.2805, 167.5189

■ 10.1356, 11.7858,
10.9318

185.6709,
202.9823, 207.9194

■ 5.5519, 6.5980,
5.9074

226.7932,
247.3298, 254.3433

■ 2.6126, 3.2120,
2.7210

273.5788,

■ 0.9524, 1.2434,

297.7075, 307.2091

0.9540

326.3931,
354.4997, 366.9354

■ 0.0000, 0.0967,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.2216, 58.2430,
57.7799

■ 52.2216, 58.2430,
57.7799

■ 45.6367, 55.0643,
47.7904

■ 59.7704, 61.8939,
69.0792

■ 39.9722, 52.3315,
39.0595

■ 68.3147, 66.0276,
81.7291

■ 35.1882, 50.0268,
31.5386

■ 77.8907, 70.6632,
95.7738

■ 31.2405, 48.1285,
25.1741

■ 81.1224, 72.1448,
104.2575

■ 28.0805, 46.6127,
19.9087

■ 25.6548, 45.4533,
15.6801

■ 23.9034, 44.6208,
12.4198

■ 22.7564, 44.0807,
10.0509

■ 22.1174, 43.7853,
8.4845

Harmonies

Analogous

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



53.6221, 58.2430, 54.2813



52.2216, 58.2430, 57.7799



51.6596, 58.2430, 62.9631

Triad

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



52.2216, 58.2430, 57.7799



55.1996, 58.2430, 74.8834



58.7831, 58.2430, 58.5233

Complementary

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



52.2216, 58.2430, 57.7799



54.1561, 53.6877, 64.0112

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.



59.2293, 58.2430, 63.8725



52.2216, 58.2430, 57.7799



57.1314, 58.2430, 73.5236

Square

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



52.2216, 58.2430, 57.7799



53.3533, 58.2430, 73.0229



58.6180, 58.2430, 69.4087



57.4127, 58.2430, 54.6922

Rectangle

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



52.2216, 58.2430, 57.7799



51.8259, 58.2430, 66.7529



58.6180, 58.2430, 69.4087



59.0475, 58.2430, 60.1936

Sweetspot

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



52.2232, 58.2455, 57.7812



92.4882, 98.7614, 105.0731



55.6840, 60.0548, 56.8019



19.8231, 21.1520, 22.5301



0.0000, 0.0000, 0.0000



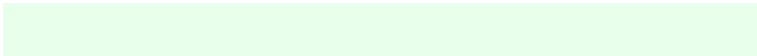
20.3446, 21.4041, 23.3091

Same Dimension

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



52.2232, 58.2455, 57.7812



84.0385, 94.6776, 92.3806



53.1128, 58.6013, 62.4656



11.1241, 12.5594, 12.2112



13.7235, 27.2347, 5.2292



0.7273, 1.4127, 0.3716

Inverse Universe

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



54.1561, 53.6877, 64.0112



87.7023, 86.0380, 104.1896



53.2418, 53.3220, 59.1965



11.6249, 11.3787, 13.8251



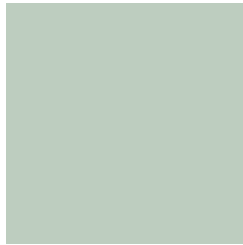
20.7871, 10.1254, 27.6612



1.0897, 0.5293, 1.5183

Previews

White Background



This preview shows how the XYZ color 52.2216, 58.2430, 57.7799 looks on a white background.

Color Contrast Check

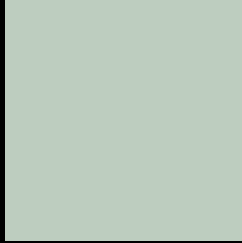
Large Text (above 18pt) WCAG AA × Fail

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 52.2216, 58.2430, 57.7799 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

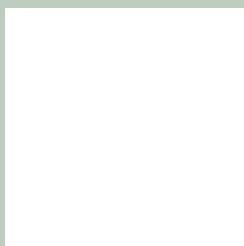
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.2216, 58.2430, 57.7799

Background



This preview shows how black text looks on a background with the XYZ color 52.2216, 58.2430, 57.7799.



This preview shows how white text looks on a background with the XYZ color 52.2216, 58.2430,

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

52.2216, 58.2430, 57.7799

Protanopia

55.4635, 58.2048, 55.8884

Deuteranopia

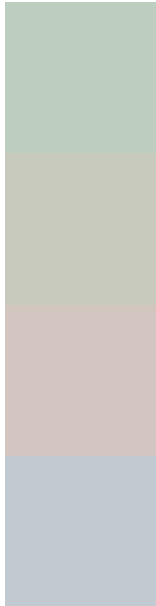
59.3489, 58.1218, 58.5427



Tritanopia

55.4033, 58.1205, 73.9439

Trichromacy



Original Color

52.2216, 58.2430, 57.7799

Protanomaly

54.1253, 58.1945, 56.5241

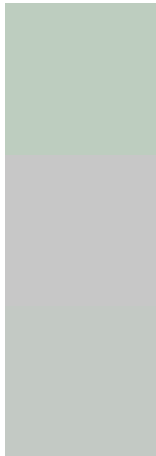
Deuteranomaly

56.5725, 58.0428, 58.0909

Tritanomaly

54.2439, 58.0016, 68.0110

Monochromacy



Original Color

52.2216, 58.2430, 57.7799

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.3561, 57.3609, 60.4841

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2216, 58.2430, 57.7799 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, 205, 191)` looks like.

```
.text, #text, p{  
    color:rgb(189, 205, 191)  
}
```

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, 205, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 205, 191) }
```

Border

The CSS property to change the border of an element to XYZ 52.2216, 58.2430, 57.7799 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, 205, 191) }
```


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

```
.border{ border-color:rgb(189, 205, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 205, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 205, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 205, 191);  
box-shadow:4px 4px 4px 4px rgb(189, 205,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2216, 58.2430, 57.7799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 205, 191) }
```

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

```
.background{ background-color: rgb(189,  
205, 191) }
```

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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