

Converting Colors

XYZ(53.0638, 58.7085, 59.2220)

Have a look what the booklet for
XYZ(53.0638, 58.7085, 59.2220)
contains.

XYZ(52.9428, 58.5893, 58.9706)	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(52.9428, 58.5893,
58.9706)**

Conversions

Conversions Part 1

Format	Color
Hex	BFCDC1
RGB	191, 205, 193
RGB Percent	75%, 80%, 76%
CMY	0.2510, 0.1961, 0.2431
CMYK	0.07, 0.00, 0.06, 0.20
HSL	129°, 12%, 78%
HSV	129°, 7%, 80%
XYZ	52.9428, 58.5893, 58.9706
YIQ	199.4460, -4.4920, -6.7000

Conversions

Conversions Part 2

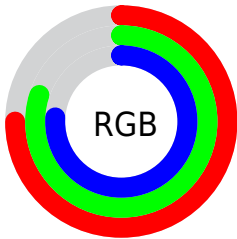
Format	Color
RYB	191, 203, 205
Decimal	12570049
CIELab	81.07, -6.99, 4.33
CIElCh	81, 8.221, 148.230
Yxy	58.5893, 0.3105, 0.3436
Android (android.graphics.Color)	4290760129 (0xFFBFCDC1)
YUV	199.4460, -3.1779, -7.4071
Hunter-Lab	76.5436, -10.4886, 7.9025

Details

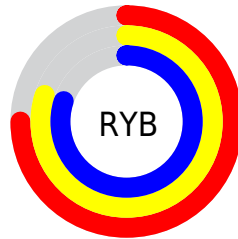
The XYZ color **52.9428, 58.5893, 58.9706** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.5892, 54.5539, 64.1554**, and the grayscale version is **54.5815, 57.4240, 62.5347**.

A 20% lighter version of the original color is **91.2167, 98.1337, 103.7566**, and **26.2815, 29.4299, 29.1063** is the 20% darker color. If you saturate the color by 10%, you get **46.2986, 55.3790, 49.0281**, and if you desaturate by 10%, it is **60.5448, 62.2698, 70.1763**.

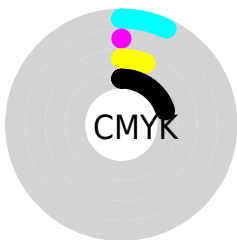
Distribution



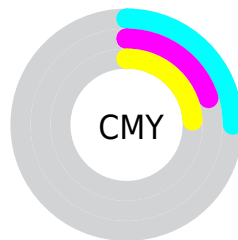
- Red (75%)
- Green (80%)
- Blue (76%)



- Red (75%)
- Yellow (80%)
- Blue (80%)



- Cyan (7%)
- Magenta (0%)
- Yellow (6%)
- Black (20%)



- Cyan (25%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.9428, 58.5893, 58.9706 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 52.9428, 58.5893, 58.9706 by changing the saturation by 10% instead.

■ 52.9428, 58.5893,
58.9706

■ 52.9428, 58.5893,
58.9706

388.3301,
419.3782, 438.4918

■ 37.9844, 42.2826,
42.1696

■ 93.6862, 102.7805,
104.8636

■ 26.1477, 29.3226,
28.9075

120.2019,
131.4338, 134.7927

■ 17.0675, 19.3250,
18.7659

151.3008,
164.9714, 169.9350

■ 10.3782, 11.9054,
11.3262

187.3482,
203.7778, 210.7089

■ 5.7146, 6.6793,
6.1697

228.7095,
248.2372, 257.5330

■ 2.7113, 3.2623,
2.8781

275.7500,

■ 1.0030, 1.2702,

298.7342, 310.8258

1.0327

328.8351,
355.6531, 371.0059

■ 0.0000, 0.1179,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.9428, 58.5893,
58.9706

■ 52.9428, 58.5893,
58.9706

■ 46.2986, 55.3790,
49.0281

■ 60.5448, 62.2698,
70.1763

■ 40.5695, 52.6127,
40.3006

■ 69.1357, 66.4306,
82.6832

■ 35.7166, 50.2732,
32.7428

■ 78.7508, 71.0908,
96.5328

■ 31.6963, 48.3390,
26.3049

■ 81.1225, 72.1450,
104.2575

■ 28.4615, 46.7869,
20.9336

■ 25.9599, 45.5913,
16.5712

■ 24.1333, 44.7234,
13.1546

■ 22.9139, 44.1497,
10.6134

■ 22.2150, 43.8274,
8.8675

Harmonies

Analogous

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



54.1490, 58.5893, 55.8637



52.9428, 58.5893, 58.9706



52.4702, 58.5893, 63.5038

Triad

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



52.9428, 58.5893, 58.9706



55.5860, 58.5893, 73.6600



58.6301, 58.5893, 59.4492

Complementary

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



52.9428, 58.5893, 58.9706



54.5892, 54.5539, 64.1554

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.



59.0335, 58.5893, 64.0846



52.9428, 58.5893, 58.9706



57.2547, 58.5893, 72.4409

Square

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



52.9428, 58.5893, 58.9706



53.9768, 58.5893, 72.1253



58.5252, 58.5893, 68.8730



57.4338, 58.5893, 56.1299

Rectangle

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



52.9428, 58.5893, 58.9706



52.6272, 58.5893, 66.7804



58.5252, 58.5893, 68.8730



58.8640, 58.5893, 60.8976

Sweetspot

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



52.9444, 58.5918, 58.9719



92.5026, 98.7672, 105.1487



55.9027, 60.1425, 57.9531



19.8260, 21.1531, 22.5455



0.0000, 0.0000, 0.0000



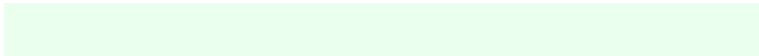
20.3446, 21.4041, 23.3091

Same Dimension

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



52.9444, 58.5918, 58.9719



85.2503, 95.2587, 94.4088



53.7288, 58.9055, 63.1021



11.1322, 12.5626, 12.2538



13.7524, 27.2462, 5.3809



0.7311, 1.4142, 0.3914

Inverse Universe

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



54.5892, 54.5539, 64.1554



88.4182, 87.4816, 104.3922



53.7885, 54.2336, 59.9388



11.6160, 11.3751, 13.7782



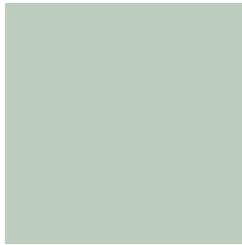
20.5614, 10.0352, 26.4728



1.0801, 0.5254, 1.4677

Previews

White Background



This preview shows how the XYZ color 52.9428, 58.5893, 58.9706 looks on a white background.

Color Contrast Check

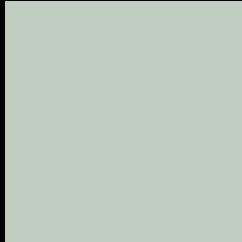
Large Text (above 18pt) WCAG AA × Fail

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 52.9428, 58.5893, 58.9706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

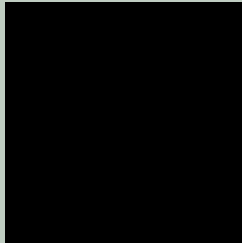
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

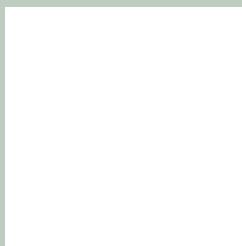
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.9428, 58.5893, 58.9706

Background



This preview shows how black text looks on a background with the XYZ color 52.9428, 58.5893, 58.9706.



This preview shows how white text looks on a background with the XYZ color 52.9428, 58.5893,

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

52.9428, 58.5893, 58.9706

Protanopia

55.6807, 58.2917, 57.0319

Deuteranopia

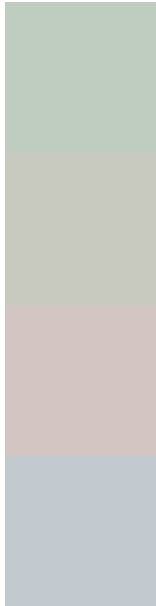
59.5735, 58.2117, 59.7259



Tritanopia

55.9167, 58.3851, 73.9680

Trichromacy



Original Color

52.9428, 58.5893, 58.9706

Protanomaly

54.6119, 58.4202, 57.6881

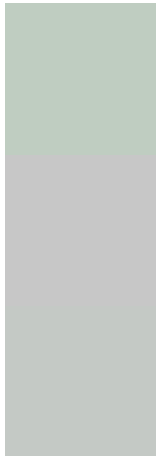
Deuteranomaly

56.7957, 58.1321, 59.2661

Tritanomaly

54.7538, 58.2645, 68.0348

Monochromacy



Original Color

52.9428, 58.5893, 58.9706

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.7296, 57.5403, 61.0979

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9428, 58.5893, 58.9706 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(191, 205, 193)` looks like.

```
.text, #text, p{  
    color:rgb(191, 205, 193)  
}
```

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(191, 205, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 205, 193) }
```

Border

The CSS property to change the border of an element to XYZ 52.9428, 58.5893, 58.9706 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(191, 205, 193) }
```


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

```
.border{ border-color:rgb(191, 205, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 205, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 205, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 205, 193);  
box-shadow:4px 4px 4px 4px rgb(191, 205,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9428, 58.5893, 58.9706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 205, 193) }
```

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

```
.background{ background-color: rgb(191,  
205, 193) }
```

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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