

Converting Colors

XYZ(52.9042, 58.7166, 62.9844)

Have a look what the booklet for
XYZ(52.9042, 58.7166, 62.9844)
contains.

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Color

**XYZ(52.9902, 58.8775,
63.2152)**

Conversions

Conversions Part 1

Format	Color
Hex	BBCEC8
RGB	187, 206, 200
RGB Percent	73%, 81%, 78%
CMY	0.2667, 0.1921, 0.2157
CMYK	0.09, 0.00, 0.03, 0.19
HSL	161°, 16%, 77%
HSV	161°, 9%, 81%
XYZ	52.9902, 58.8775, 63.2152
YIQ	199.6350, -9.3980, -5.8940

Conversions

Conversions Part 2

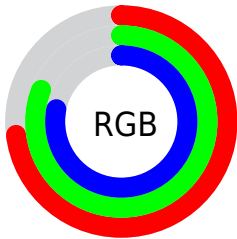
Format	Color
RYB	187, 198, 206
Decimal	12308168
CIELab	81.22, -7.55, 0.78
CIElCh	81, 7.592, 174.092
Yxy	58.8775, 0.3027, 0.3363
Android (android.graphics.Color)	4290498248 (0xFFBBCEC8)
YUV	199.6350, 0.1799, -11.0809
Hunter-Lab	76.7317, -11.0099, 4.8663

Details

The XYZ color **52.9902, 58.8775, 63.2152** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.8517, 52.5144, 57.8056**, and the grayscale version is **54.6797, 57.5273, 62.6473**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **26.2481, 29.6001, 31.5241** is the 20% darker color. If you saturate the color by 10%, you get **47.5634, 56.1675, 59.0759**, and if you desaturate by 10%, it is **59.1757, 61.9781, 67.5615**.

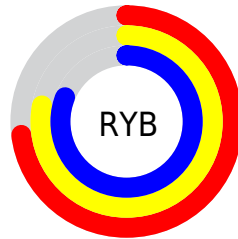
Distribution



Red (73%)

Green (81%)

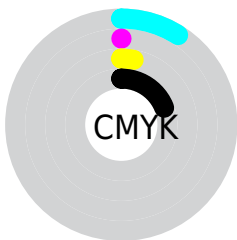
Blue (78%)



Red (73%)

Yellow (78%)

Blue (81%)

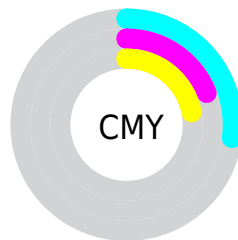


Cyan (9%)

Magenta (0%)

Yellow (3%)

Black (19%)



Cyan (27%)

Magenta (19%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.9902, 58.8775, 63.2152 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 52.9902, 58.8775, 63.2152 by changing the saturation by 10% instead.

■ 52.9902, 58.8775,
63.2152

■ 52.9902, 58.8775,
63.2152

388.5090,
420.4478, 454.4795

■ 38.0224, 42.5145,
45.5732

■ 93.7556, 103.1996,
111.0685

■ 26.1774, 29.5044,
31.5629

120.2838,
131.9275, 142.1169

■ 17.0898, 19.4627,
20.7658

151.3963,
165.5458, 178.4711

■ 10.3942, 12.0051,
12.7634

187.4583,
204.4390, 220.5498

■ 5.7254, 6.7471,
7.1370

228.8352,
248.9914, 268.7714

■ 2.7179, 3.3045,
3.4682

275.8924,

■ 1.0064, 1.2927,

299.5874, 323.5546

1.3384

328.9952,
356.6114, 385.3177

■ 0.0000, 0.1355,
0.0929

■ 0.0000, 0.0000,
0.0000

■ 52.9902, 58.8775,
63.2152

■ 52.9902, 58.8775,
63.2152

■ 47.5634, 56.1675,
59.0759

■ 59.1757, 61.9781,
67.5615

■ 42.8592, 53.8248,
55.1362

■ 66.1441, 65.4769,
72.1142

■ 38.8462, 51.8347,
51.3936

■ 73.9246, 69.3905,
76.8780

■ 35.4883, 50.1787,
47.8444

■ 77.0443, 70.8975,
81.5988

■ 32.7464, 48.8367,
44.4845

■ 77.9547, 71.2617,
86.3931

■ 30.5769, 47.7863,
41.3096

■ 78.8994, 71.6396,
91.3678

■ 28.9303, 47.0020,
38.3151

■ 79.8788, 72.0313,
96.5250

■ 27.7482, 46.4538,
35.4959

■ 80.8931, 72.4370,
101.8664

■ 26.9323, 46.0910,
32.8451

■ 81.3624, 72.6247,
104.3375

Harmonies

Analogous

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



53.5338, 58.8775, 59.1335



52.9902, 58.8775, 63.2152



53.2305, 58.8775, 67.7294

Triad

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



52.9902, 58.8775, 63.2152



57.2120, 58.8775, 72.3926



57.7641, 58.8775, 57.3081

Complementary

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



52.9902, 58.8775, 63.2152



52.8517, 52.5144, 57.8056

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.



58.7840, 58.8775, 60.6173



52.9902, 58.8775, 63.2152



58.4611, 58.8775, 69.3530

Square

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



52.9902, 58.8775, 63.2152



55.6488, 58.8775, 73.1680



59.0414, 58.8775, 65.0083



56.2749, 58.8775, 55.8279

Rectangle

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



52.9902, 58.8775, 63.2152



53.8052, 58.8775, 70.3615



59.0414, 58.8775, 65.0083



58.1743, 58.8775, 58.2357

Sweetspot

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



52.9919, 58.8800, 63.2165



91.9046, 98.4232, 106.7346



53.0395, 59.0727, 55.6215



19.4956, 20.9785, 22.7228



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.



52.9919, 58.8800, 63.2165



84.0787, 94.5051, 101.1105



52.8780, 57.5073, 66.7084



11.3866, 12.6644, 13.5931



16.5934, 28.3827, 20.3417



0.8895, 1.4776, 1.2254

Inverse Universe

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



52.8517, 52.5144, 57.8056



83.8083, 82.2160, 90.6651



52.9435, 53.7481, 54.5988



11.3559, 11.2711, 12.4088



16.3015, 8.3312, 4.0405



0.8754, 0.4436, 0.3900

Previews

White Background



This preview shows how the XYZ color 52.9902, 58.8775, 63.2152 looks on a white background.

Color Contrast Check

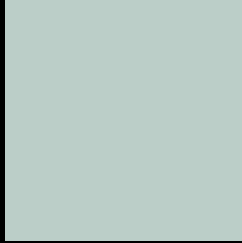
Large Text (above 18pt) WCAG AA × Fail

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 52.9902, 58.8775, 63.2152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

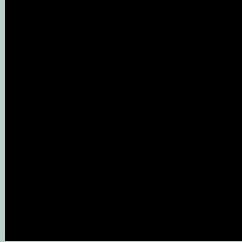
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

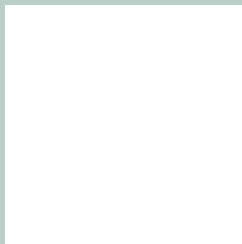
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.9902, 58.8775, 63.2152

Background



This preview shows how black text looks on a background with the XYZ color 52.9902, 58.8775, 63.2152.



This preview shows how white text looks on a background with the XYZ color 52.9902, 58.8775,

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

52.9902, 58.8775, 63.2152

Protanopia

56.4183, 58.9263, 61.2237

Deuteranopia

59.6910, 58.5101, 64.0246



Tritanopia

55.3773, 58.7735, 75.4436

Trichromacy



Original Color

52.9902, 58.8775, 63.2152

Protanomaly

55.1022, 58.9312, 61.8967

Deuteranomaly

56.9785, 58.4738, 63.5418

Tritanomaly

54.4628, 58.7580, 70.7583

Monochromacy



Original Color

52.9902, 58.8775, 63.2152

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.0515, 58.0133, 62.9924

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9902, 58.8775, 63.2152 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(187, 206, 200)` looks like.

```
.text, #text, p{  
    color:rgb(187, 206, 200)  
}
```

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(187, 206, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 206, 200) }
```

Border

The CSS property to change the border of an element to XYZ 52.9902, 58.8775, 63.2152 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(187, 206, 200) }
```


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

```
.border{ border-color:rgb(187, 206, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 206, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 206, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 206, 200); box-shadow:4px 4px 4px 4px rgb(187, 206, 200) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9902, 58.8775, 63.2152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 206, 200) }
```

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

```
.background{ background-color: rgb(187,  
206, 200) }
```

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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