

Converting Colors

XYZ(52.2358, 57.6094, 62.8717)

Have a look what the booklet for
XYZ(52.2358, 57.6094, 62.8717)
contains.

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Color

**XYZ(52.2679, 57.7950,
63.0443)**

Conversions

Conversions Part 1

Format	Color
Hex	BACCC8
RGB	186, 204, 200
RGB Percent	73%, 80%, 78%
CMY	0.2706, 0.2000, 0.2157
CMYK	0.09, 0.00, 0.02, 0.20
HSL	167°, 15%, 76%
HSV	167°, 9%, 80%
XYZ	52.2679, 57.7950, 63.0443
YIQ	198.1620, -9.4440, -5.0600

Conversions

Conversions Part 2

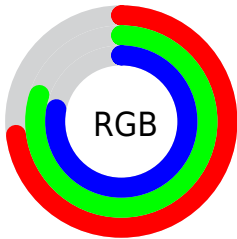
Format	Color
R _{YB}	186, 196, 204
Decimal	12242120
CIE Lab	80.62, -6.85, -0.10
CIE LCh	81, 6.847, 180.851
Yxy	57.7950, 0.3019, 0.3339
Android (android.graphics.Color)	4290432200 (0xFFBACCC8)
YUV	198.1620, 0.9061, -10.6661
Hunter-Lab	76.0230, -10.3167, 4.0482

Details

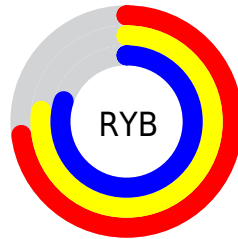
The XYZ color **52.2679, 57.7950, 63.0443** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.7571, 51.6744, 55.9642**, and the grayscale version is **53.7751, 56.5756, 61.6109**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **25.7675, 28.8746, 31.4094** is the 20% darker color. If you saturate the color by 10%, you get **47.1394, 55.2131, 60.0786**, and if you desaturate by 10%, it is **58.1230, 60.7529, 66.1285**.

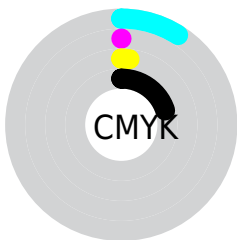
Distribution



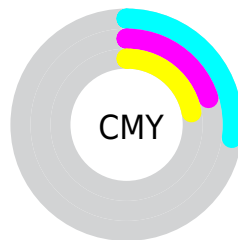
- Red (73%)
- Green (80%)
- Blue (78%)



- Red (73%)
- Yellow (77%)
- Blue (80%)



- Cyan (9%)
- Magenta (0%)
- Yellow (2%)
- Black (20%)



- Cyan (27%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.2679, 57.7950, 63.0443 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 52.2679, 57.7950, 63.0443 by changing the saturation by 10% instead.

■ 52.2679, 57.7950,
63.0443

■ 52.2679, 57.7950,
63.0443

385.7770,
416.4216, 453.8426

■ 37.4438, 41.6439,
45.4358

■ 92.6981, 101.6243,
110.8196

■ 25.7265, 28.8225,
31.4554

119.0349,
130.0712, 141.8235

■ 16.7508, 18.9466,
20.6845

149.9400,
163.3855, 178.1297

■ 10.1512, 11.6317,
12.7046

185.7787,
201.9516, 220.1566

■ 5.5623, 6.4934,
7.0971

226.9164,
246.1539, 268.3228

■ 2.6189, 3.1474,
3.4435

273.7184,

■ 0.9556, 1.2091,

296.3767, 323.0468

1.3253

326.5502,
353.0045, 384.7473

■ 0.0000, 0.0692,
0.0824

■ 0.0000, 0.0000,
0.0000

■ 52.2679, 57.7950,
63.0443

■ 52.2679, 57.7950,
63.0443

■ 47.1394, 55.2131,
60.0786

■ 58.1230, 60.7529,
66.1285

■ 42.7025, 52.9844,
57.2255

■ 64.7281, 64.0939,
69.3295

■ 38.9270, 51.0948,
54.4840

■ 72.1112, 67.8342,
72.6504

■ 35.7780, 49.5264,
51.8519

■ 75.5081, 69.5176,
75.8689

■ 33.2178, 48.2598,
49.3266

■ 76.1105, 69.7586,
79.0415

■ 31.2042, 47.2733,
46.9054

■ 76.7294, 70.0061,
82.3003

■ 29.6895, 46.5422,
44.5854

■ 77.3648, 70.2603,
85.6461

■ 28.6175, 46.0376,
42.3631

■ 78.0168, 70.5211,
89.0795

■ 27.8972, 45.7127,
40.2335

■ 78.6855, 70.7886,
92.6011

Harmonies

Analogous

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



52.6002, 57.7950, 59.2250



52.2679, 57.7950, 63.0443



52.6393, 57.7950, 66.9921

Triad

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



52.2679, 57.7950, 63.0443



56.3334, 57.7950, 69.8275



56.2625, 57.7950, 56.3931

Complementary

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



52.2679, 57.7950, 63.0443



51.7571, 51.6744, 55.9642

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.



57.2911, 57.7950, 59.0334



52.2679, 57.7950, 63.0443



57.3326, 57.7950, 66.7841

Square

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



52.2679, 57.7950, 63.0443



54.9727, 57.7950, 71.0099



57.6860, 57.7950, 62.8137



54.8922, 57.7950, 55.4856

Rectangle

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



52.2679, 57.7950, 63.0443



53.2398, 57.7950, 69.1397



57.6860, 57.7950, 62.8137



56.6606, 57.7950, 57.1017

Sweetspot

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



52.2695, 57.7974, 63.0456



92.0186, 98.4688, 107.3348



51.7428, 57.7064, 54.8665



19.5265, 20.9909, 22.8852



0.0000, 0.0000, 0.0000



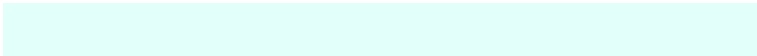
20.3446, 21.4041, 23.3091

Same Dimension

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



52.2695, 57.7974, 63.0456



84.4847, 94.6675, 103.2484



51.6201, 55.7399, 65.1679



11.4323, 12.6827, 13.8341



17.5462, 28.7638, 25.3589



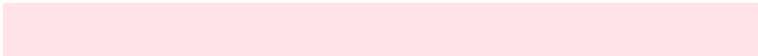
0.9322, 1.4947, 1.4506

Inverse Universe

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



51.7571, 51.6744, 55.9642



83.4302, 82.0647, 88.6740



52.3539, 53.5587, 54.0338



11.3128, 11.2538, 12.1817



16.0052, 8.2127, 2.4801



0.8552, 0.4355, 0.2832

Previews

White Background



This preview shows how the XYZ color 52.2679, 57.7950, 63.0443 looks on a white background.

Color Contrast Check

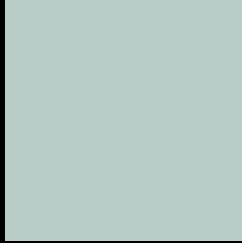
Large Text (above 18pt) WCAG AA × Fail

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 52.2679, 57.7950, 63.0443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

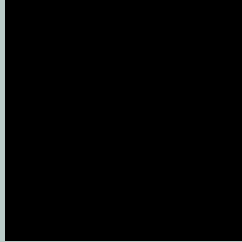
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

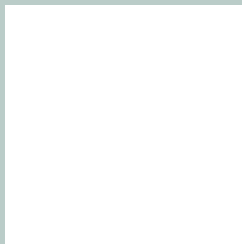
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.2679, 57.7950, 63.0443

Background



This preview shows how black text looks on a background with the XYZ color 52.2679, 57.7950, 63.0443.



This preview shows how white text looks on a background with the XYZ color 52.2679, 57.7950,

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

52.2679, 57.7950, 63.0443

Protanopia

55.4033, 57.7154, 61.0434

Deuteranopia

58.8659, 57.7533, 63.9220



Tritanopia

54.3973, 57.6019, 73.8969

Trichromacy



Original Color

52.2679, 57.7950, 63.0443

Protanomaly

54.1056, 57.7208, 61.7156

Deuteranomaly

56.1903, 57.7270, 63.4392

Tritanomaly

53.6174, 57.6356, 69.9269

Monochromacy



Original Color

52.2679, 57.7950, 63.0443

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.2112, 56.9014, 62.2114

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2679, 57.7950, 63.0443 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(186, 204, 200)` looks like.

```
.text, #text, p{  
    color:rgb(186, 204, 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(186, 204, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 204, 200) }
```

Border

The CSS property to change the border of an element to XYZ 52.2679, 57.7950, 63.0443 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(186, 204, 200) }
```


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

```
.border{ border-color:rgb(186, 204, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 204, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 204, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 204, 200);  
box-shadow:4px 4px 4px 4px rgb(186, 204,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2679, 57.7950, 63.0443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 204, 200) }
```

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

```
.background{ background-color: rgb(186,  
204, 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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