

Converting Colors

XYZ(52.9713, 57.2683, 62.7659)

Have a look what the booklet for
XYZ(52.9713, 57.2683, 62.7659)
contains.

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Color

**XYZ(52.7978, 57.0198,
62.8668)**

Conversions

Conversions Part 1

Format	Color
Hex	BFC9C8
RGB	191, 201, 200
RGB Percent	75%, 79%, 78%
CMY	0.2510, 0.2117, 0.2157
CMYK	0.05, 0.00, 0.00, 0.21
HSL	174°, 8%, 77%
HSV	174°, 5%, 79%
XYZ	52.7978, 57.0198, 62.8668
YIQ	197.8960, -5.6390, -2.4310

Conversions

Conversions Part 2

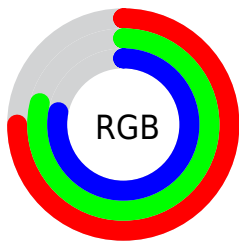
Format	Color
RYB	191, 196, 201
Decimal	12569032
CIELab	80.19, -3.60, -0.69
CIELCh	80, 3.662, 190.914
Yxy	57.0198, 0.3057, 0.3302
Android (android.graphics.Color)	4290759112 (0xFFBFC9C8)
YUV	197.8960, 1.0373, -6.0478
Hunter-Lab	75.5115, -7.3374, 3.4963

Details

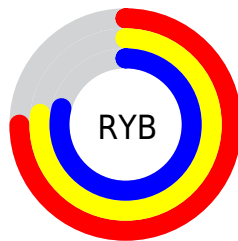
The XYZ color **52.7978, 57.0198, 62.8668** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.2347, 53.4863, 57.4426**, and the grayscale version is **53.6110, 56.4030, 61.4229**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **26.1033, 28.3460, 31.2897** is the 20% darker color. If you saturate the color by 10%, you get **47.8521, 54.4988, 61.4146**, and if you desaturate by 10%, it is **58.4436, 59.9045, 64.3703**.

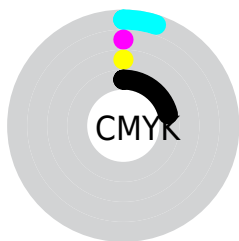
Distribution



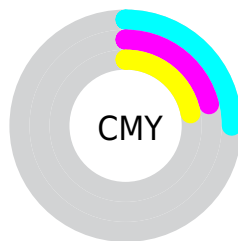
- Red (75%)
- Green (79%)
- Blue (78%)



- Red (75%)
- Yellow (77%)
- Blue (79%)



- Cyan (5%)
- Magenta (0%)
- Yellow (0%)
- Black (21%)



- Cyan (25%)
- Magenta (21%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.7978, 57.0198, 62.8668 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 52.7978, 57.0198, 62.8668 by changing the saturation by 10% instead.

■ 52.7978, 57.0198,
62.8668

■ 52.7978, 57.0198,
62.8668

387.7825,
413.5235, 453.1805

■ 37.8682, 41.0211,
45.2932

■ 93.4740, 100.4941,
110.5610

■ 26.0572, 28.3356,
31.3438

119.9514,
128.7385, 141.5187

■ 16.9993, 18.5788,
20.6001

151.0088,
161.8336, 177.7748

■ 10.3293, 11.3663,
12.6436

187.0114,
200.1638, 219.7479

■ 5.6818, 6.3138,
7.0558

228.3248,
244.1135, 267.8564

■ 2.6914, 3.0368,
3.4180

275.3142,

■ 0.9927, 1.1510,

294.0671, 322.5190

1.3118

328.3449,
350.4090, 384.1542

■ 0.0000, 0.0211,
0.0715

■ 0.0000, 0.0000,
0.0000

■ 52.7978, 57.0198,
62.8668

■ 52.7978, 57.0198,
62.8668

■ 47.8521, 54.4988,
61.4146

■ 58.4436, 59.9045,
64.3703

■ 43.5736, 52.3199,
60.0087

■ 64.8111, 63.1593,
65.9227

■ 39.9338, 50.4698,
58.6487

■ 71.9271, 66.7996,
67.5264

■ 36.9005, 48.9321,
57.3331

■ 73.5209, 67.5928,
68.8882

■ 34.4386, 47.6886,
56.0603

■ 73.7707, 67.6927,
70.2034

■ 32.5094, 46.7193,
54.8283

■ 74.0236, 67.7938,
71.5354

■ 31.0692, 46.0017,
53.6350

■ 74.2797, 67.8963,
72.8841

■ 30.0675, 45.5099,
52.4780

■ 74.5390, 68.0000,
74.2495

■ 29.4430, 45.2122,
51.3544

■ 74.8015, 68.1050,
75.6318

Harmonies

Analogous

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



52.8499, 57.0198, 60.7498



52.7978, 57.0198, 62.8668



53.1177, 57.0198, 64.8174

Triad

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



52.7978, 57.0198, 62.8668



55.1415, 57.0198, 65.2448



54.6665, 57.0198, 58.2789

Complementary

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



52.7978, 57.0198, 62.8668



52.2347, 53.4863, 57.4426

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.



55.2880, 57.0198, 59.4302



52.7978, 57.0198, 62.8668



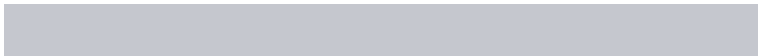
55.5640, 57.0198, 63.4393

Square

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



52.7978, 57.0198, 62.8668



54.4680, 57.0198, 66.2112



55.6179, 57.0198, 61.3094



53.9242, 57.0198, 58.1336

Rectangle

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



52.7978, 57.0198, 62.8668



53.5005, 57.0198, 65.7486



55.6179, 57.0198, 61.3094



54.8967, 57.0198, 58.5599

Sweetspot

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



52.7994, 57.0222, 62.8681



94.0769, 99.5031, 108.6397



52.0727, 56.7656, 57.5033



20.1466, 21.3030, 23.2561



0.0000, 0.0000, 0.0000



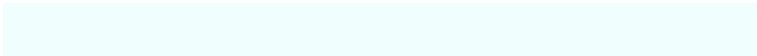
20.3446, 21.4041, 23.3091

Same Dimension

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



52.7994, 57.0222, 62.8681



89.3973, 97.1144, 107.3510



52.0342, 55.3036, 63.1934



11.2075, 12.2059, 13.5075



18.3861, 28.3668, 32.0413



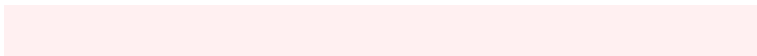
0.8842, 1.3486, 1.5887

Inverse Universe

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



52.2347, 53.4863, 57.4426



88.2241, 89.7686, 96.0800



52.9711, 55.1365, 57.1415



11.0486, 11.2109, 11.9809



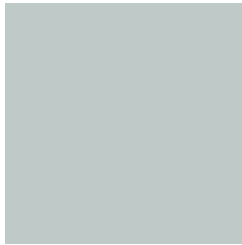
15.2415, 7.8462, 1.2159



0.7367, 0.3775, 0.1369

Previews

White Background



This preview shows how the XYZ color 52.7978, 57.0198, 62.8668 looks on a white background.

Color Contrast Check

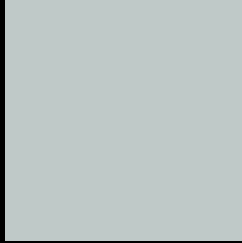
Large Text (above 18pt) WCAG AA × Fail

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 52.7978, 57.0198, 62.8668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

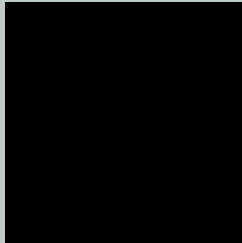
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

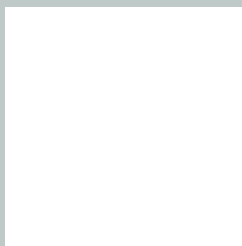
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.7978, 57.0198, 62.8668

Background



This preview shows how black text looks on a background with the XYZ color 52.7978, 57.0198, 62.8668.

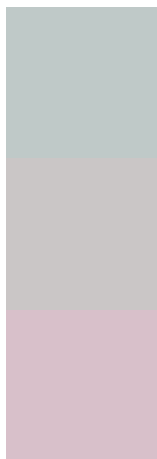


This preview shows how white text looks on a background with the XYZ color 52.7978, 57.0198,

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

52.7978, 57.0198, 62.8668

Protanopia

54.7442, 57.0219, 61.5471

Deuteranopia

57.8292, 56.5625, 63.7468



Tritanopia

54.6815, 57.0906, 72.4275

Trichromacy



Original Color

52.7978, 57.0198, 62.8668

Protanomaly

54.0209, 56.9761, 62.1831

Deuteranomaly

55.7898, 56.5127, 63.2259

Tritanomaly

54.0254, 57.1682, 69.1599

Monochromacy



Original Color

52.7978, 57.0198, 62.8668

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.2379, 56.5725, 62.1465

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7978, 57.0198, 62.8668 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, 201, 200)` looks like.

```
.text, #text, p{  
    color:rgb(191, 201, 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(191, 201, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 201, 200) }
```

Border

The CSS property to change the border of an element to XYZ 52.7978, 57.0198, 62.8668 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, 201, 200) }
```


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

```
.border{ border-color:rgb(191, 201, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 201, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 201, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 201, 200);  
box-shadow:4px 4px 4px 4px rgb(191, 201,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7978, 57.0198, 62.8668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 201, 200) }
```

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

```
.background{ background-color: rgb(191,  
201, 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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