

Converting Colors

XYZ(51.0923, 55.8327, 62.0094)

Have a look what the booklet for
XYZ(51.0923, 55.8327, 62.0094)
contains.

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Color

**XYZ(51.2128, 55.8712,
62.1178)**

Conversions

Conversions Part 1

Format	Color
Hex	BAC8C7
RGB	186, 200, 199
RGB Percent	73%, 78%, 78%
CMY	0.2706, 0.2157, 0.2196
CMYK	0.07, 0.00, 0.01, 0.22
HSL	176°, 11%, 76%
HSV	176°, 7%, 78%
XYZ	51.2128, 55.8712, 62.1178
YIQ	195.7000, -8.0230, -3.2790

Conversions

Conversions Part 2

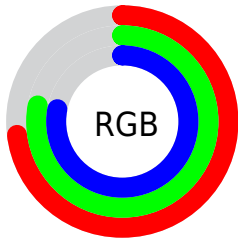
Format	Color
R _Y B	186, 193, 200
Decimal	12241095
CIE Lab	79.54, -4.95, -1.15
CIE LCh	80, 5.080, 193.090
Yxy	55.8712, 0.3027, 0.3302
Android (android.graphics.Color)	4290431175 (0xFFBAC8C7)
YUV	195.7000, 1.6269, -8.5069
Hunter-Lab	74.7470, -8.5084, 3.0506

Details

The XYZ color **51.2128, 55.8712, 62.1178** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.3501, 50.9866, 54.2041**, and the grayscale version is **52.2850, 55.0079, 59.9036**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **25.0626, 27.5886, 30.7923** is the 20% darker color. If you saturate the color by 10%, you get **46.5248, 53.4751, 61.0351**, and if you desaturate by 10%, it is **56.5857, 58.6232, 63.2431**.

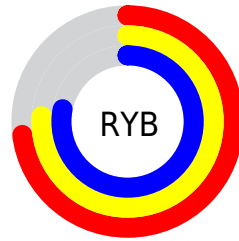
Distribution



Red (73%)

Green (78%)

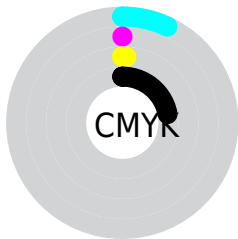
Blue (78%)



Red (73%)

Yellow (76%)

Blue (78%)

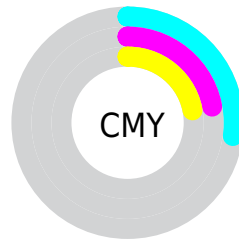


Cyan (7%)

Magenta (0%)

Yellow (1%)

Black (22%)



Cyan (27%)

Magenta (22%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.2128, 55.8712, 62.1178 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 51.2128, 55.8712, 62.1178 by changing the saturation by 10% instead.

■ 51.2128, 55.8712,
62.1178

■ 51.2128, 55.8712,
62.1178

381.7640,
409.2059, 450.3802

■ 36.5997, 40.0997,
44.6915

■ 91.1504, 98.8162,
109.4690

■ 25.0700, 27.6163,
30.8733

117.2056,
126.7585, 140.2310

■ 16.2582, 18.0366,
20.2447

147.8055,
159.5265, 176.2753

■ 9.7991, 10.9763,
12.3872

183.3156,
197.5046, 218.0204

■ 5.3272, 6.0509,
6.8822

224.1011,
241.0772, 265.8849

■ 2.4772, 2.8760,
3.3112

270.5275,

■ 0.8838, 1.0674,

290.6287, 320.2874

1.2557

322.9600,
346.5435, 381.6463

■ 0.0000, 0.0000,
0.0250

■ 0.0000, 0.0000,
0.0000

■ 51.2128, 55.8712,
62.1178

■ 51.2128, 55.8712,
62.1178

■ 46.5248, 53.4751,
61.0351

■ 56.5857, 58.6232,
63.2431

■ 42.4888, 51.4134,
59.9898

■ 62.6651, 61.7378,
64.4085

■ 39.0763, 49.6730,
58.9819

■ 69.4777, 65.2302,
65.6164

■ 36.2549, 48.2371,
58.0098

■ 72.8826, 66.9656,
66.6731

■ 33.9894, 47.0876,
57.0718

■ 73.0561, 67.0350,
67.5869

■ 32.2405, 46.2043,
56.1660

■ 73.2312, 67.1050,
68.5090

■ 30.9641, 45.5643,
55.2904

■ 73.4079, 67.1757,
69.4394

■ 30.1086, 45.1412,
54.4424

■ 73.5862, 67.2470,
70.3783

■ 29.6045, 44.8990,
53.6190

■ 73.7661, 67.3190,
71.3257

Harmonies

Analogous

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



51.2459, 55.8712, 59.2120



51.2128, 55.8712, 62.1178



51.6817, 55.8712, 64.7604

Triad

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



51.2128, 55.8712, 62.1178



54.4577, 55.8712, 65.0373



53.6775, 55.8712, 55.6070

Complementary

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



51.2128, 55.8712, 62.1178



50.3501, 50.9866, 54.2041

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.



54.5519, 55.8712, 57.0700



51.2128, 55.8712, 62.1178



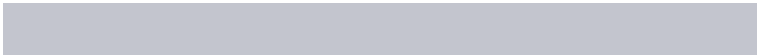
55.0063, 55.8712, 62.4859

Square

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



51.2128, 55.8712, 62.1178



53.5502, 55.8712, 66.4821



55.0410, 55.8712, 59.5685



52.6601, 55.8712, 55.5157

Rectangle

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



51.2128, 55.8712, 62.1178



52.2195, 55.8712, 65.9919



55.0410, 55.8712, 59.5685



53.9982, 55.8712, 55.9525

Sweetspot

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



51.2144, 55.8736, 62.1190



93.1397, 99.0220, 108.5038



50.0532, 55.4420, 54.5186



19.9557, 21.2050, 23.2285



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.



51.2144, 55.8736, 62.1190



87.7046, 96.2404, 107.3326



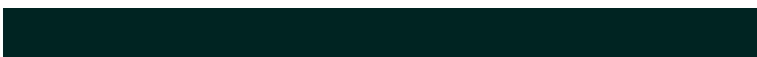
50.0056, 53.2690, 62.2927



10.9126, 12.0539, 13.4902



18.7600, 28.5164, 34.0102



0.8983, 1.3543, 1.6634

Inverse Universe

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



50.3501, 50.9866, 54.2041



85.9832, 86.5076, 91.5696



51.4974, 53.4526, 54.0585



10.6642, 10.6491, 11.2149



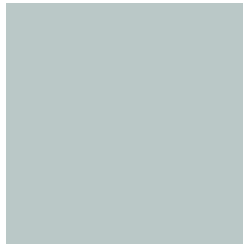
15.2097, 7.8335, 1.0484



0.7311, 0.3753, 0.1074

Previews

White Background



This preview shows how the XYZ color 51.2128, 55.8712, 62.1178 looks on a white background.

Color Contrast Check

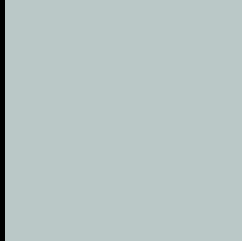
Large Text (above 18pt) WCAG AA × Fail

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 51.2128, 55.8712, 62.1178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

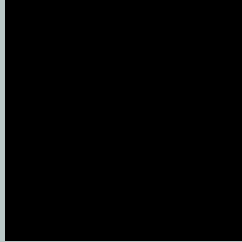
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

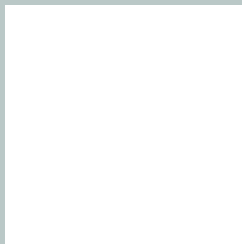
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.2128, 55.8712, 62.1178

Background



This preview shows how black text looks on a background with the XYZ color 51.2128, 55.8712, 62.1178.



This preview shows how white text looks on a background with the XYZ color 51.2128, 55.8712,

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

51.2128, 55.8712, 62.1178

Protanopia

53.6374, 55.7904, 60.7650

Deuteranopia

56.9050, 55.7748, 63.0247



Tritanopia

52.9434, 55.8836, 70.9470

Trichromacy



Original Color

51.2128, 55.8712, 62.1178

Protanomaly

52.6650, 55.6118, 61.3845

Deuteranomaly

54.6190, 55.5911, 62.4950

Tritanomaly

52.3021, 55.9657, 67.7204

Monochromacy



Original Color

51.2128, 55.8712, 62.1178

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.7825, 55.1702, 60.7430

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.2128, 55.8712, 62.1178 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, 200, 199) looks like.

```
.text, #text, p{  
    color:rgb(186, 200, 199)  
}
```

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, 200, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 200, 199) }
```

Border

The CSS property to change the border of an element to XYZ 51.2128, 55.8712, 62.1178 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, 200, 199) }
```


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

```
.border{ border-color:rgb(186, 200, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 200, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 200, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 200, 199);  
box-shadow:4px 4px 4px 4px rgb(186, 200,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 51.2128, 55.8712, 62.1178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 200, 199) }
```

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

```
.background{ background-color: rgb(186,  
200, 199) }
```

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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