

Converting Colors

XYZ(52.1176, 58.4044, 71.9910)

Have a look what the booklet for
XYZ(52.1176, 58.4044, 71.9910)
contains.

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Color

**XYZ(52.1134, 58.2278,
72.1107)**

Conversions

Conversions Part 1

Format	Color
Hex	B0CED6
RGB	176, 206, 214
RGB Percent	69%, 81%, 84%
CMY	0.3098, 0.1921, 0.1608
CMYK	0.18, 0.04, 0.00, 0.16
HSL	193°, 32%, 76%
HSV	193°, 18%, 84%
XYZ	52.1134, 58.2278, 72.1107
YIQ	197.9420, -20.4480, -3.8720

Conversions

Conversions Part 2

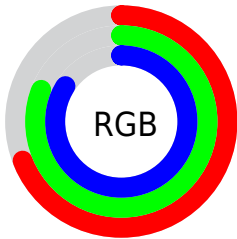
Format	Color
R _{YB}	176, 193, 214
Decimal	11587286
CIE Lab	80.87, -8.29, -7.32
CIE LCh	81, 11.059, 221.465
Yxy	58.2278, 0.2856, 0.3191
Android (android.graphics.Color)	4289777366 (0xFFB0CED6)
YUV	197.9420, 7.9166, -19.2431
Hunter-Lab	76.3071, -11.6322, -2.6144

Details

The XYZ color **52.1134, 58.2278, 72.1107** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.7089, 51.7116, 48.2787**, and the grayscale version is **53.6050, 56.3966, 61.4159**.

A 20% lighter version of the original color is **87.0887, 95.8958, 108.5274**, and **25.6546, 29.1706, 37.0792** is the 20% darker color. If you saturate the color by 10%, you get **46.5826, 53.7915, 71.5468**, and if you desaturate by 10%, it is **58.4414, 63.1243, 72.7232**.

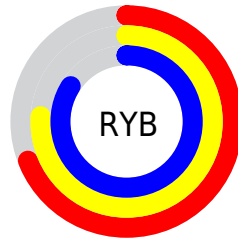
Distribution



Red (69%)

Green (81%)

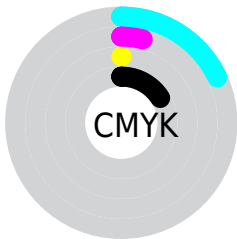
Blue (84%)



Red (69%)

Yellow (76%)

Blue (84%)

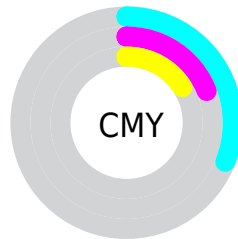


Cyan (18%)

Magenta (4%)

Yellow (0%)

Black (16%)



Cyan (31%)

Magenta (19%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.1134, 58.2278, 72.1107 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 52.1134, 58.2278, 72.1107 by changing the saturation by 10% instead.

■ 52.1134, 58.2278,
72.1107

■ 52.1134, 58.2278,
72.1107

385.1910,
418.0342, 486.9147

■ 37.3201, 41.9918,
52.7617

■ 92.4717, 102.2545,
123.9231

■ 25.6302, 29.0949,
37.2262

118.7674,
130.8140, 157.2236

■ 16.6785, 19.1526,
25.0855

149.6280,
164.2502, 196.0117

■ 10.0994, 11.7806,
15.9212

185.4187,
202.9474, 240.7059

■ 5.5277, 6.5945,
9.3146

226.5051,
247.2900, 291.7247

■ 2.5980, 3.2098,
4.8474

273.2523,

■ 0.9449, 1.2422,

297.6624, 349.4868

2.1008

326.0259,
354.4490, 414.4106

■ 0.0000, 0.0958,
0.6163

■ 0.0000, 0.0000,
0.0000

■ 52.1134, 58.2278,
72.1107

■ 52.1134, 58.2278,
72.1107

■ 46.5826, 53.7915,
71.5468

■ 58.4414, 63.1243,
72.7232

■ 41.8081, 49.7893,
71.0260

■ 65.5952, 68.4914,
73.3821

■ 37.7528, 46.2032,
70.5475

■ 73.6079, 74.3482,
74.0903

■ 34.3744, 43.0111,
70.1095

■ 80.0385, 79.4366,
74.7335

■ 31.6261, 40.1883,
69.7095

■ 81.2652, 81.8899,
75.1424

■ 29.4546, 37.7070,
69.3450

■ 82.5241, 84.4078,
75.5621

■ 27.7977, 35.5349,
69.0130

■ 83.8156, 86.9908,
75.9926

■ 26.5680, 33.6263,
68.7095

■ 85.1399, 89.6394,
76.4340

■ 26.3192, 33.2180,
68.6438

■ 86.4972, 92.3539,
76.8864

Harmonies

Analogous

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



51.1449, 58.2278, 65.9367



52.1134, 58.2278, 72.1107



53.9576, 58.2278, 76.1066

Triad

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



52.1134, 58.2278, 72.1107



59.6188, 58.2278, 67.4885



54.4742, 58.2278, 51.8408

Complementary

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



52.1134, 58.2278, 72.1107



52.7089, 51.7116, 48.2787

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.



56.7535, 58.2278, 52.1931



52.1134, 58.2278, 72.1107



59.7664, 58.2278, 60.9296

Square

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



52.1134, 58.2278, 72.1107



58.3071, 58.2278, 73.3138



58.7050, 58.2278, 55.4210



52.4826, 58.2278, 54.4231

Rectangle

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



52.1134, 58.2278, 72.1107



55.4563, 58.2278, 76.8422



58.7050, 58.2278, 55.4210



55.2314, 58.2278, 51.6250

Sweetspot

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



52.1151, 58.2302, 72.1120



89.6638, 95.9615, 108.4044



50.5619, 60.7682, 54.1935



19.0352, 20.4213, 23.1884



0.0000, 0.0000, 0.0000



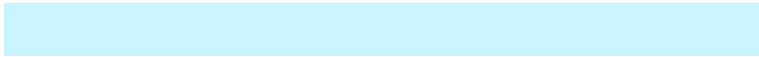
20.3446, 21.4041, 23.3091

Same Dimension

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



52.1151, 58.2302, 72.1120



74.5282, 84.2392, 106.9395



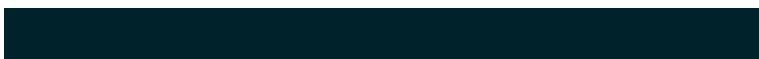
47.8984, 49.7969, 70.7065



12.5600, 13.6435, 15.9090



15.9857, 20.2331, 41.5160



1.0210, 1.3341, 2.5230

Inverse Universe

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



54.3988, 49.8043, 65.1414



78.5199, 69.7587, 94.6998



56.8306, 59.9549, 49.6526



12.8359, 12.5858, 15.0759



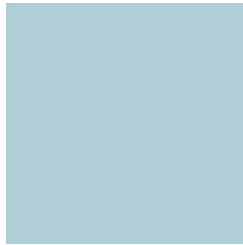
21.1277, 10.3874, 23.7742



1.3030, 0.6380, 1.5851

Previews

White Background



This preview shows how the XYZ color 52.1134, 58.2278, 72.1107 looks on a white background.

Color Contrast Check

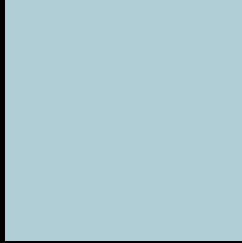
Large Text (above 18pt) WCAG AA × Fail

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 52.1134, 58.2278, 72.1107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

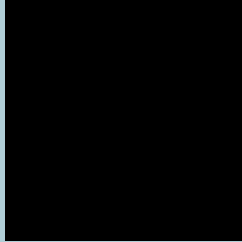
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.1134, 58.2278, 72.1107

Background



This preview shows how black text looks on a background with the XYZ color 52.1134, 58.2278, 72.1107.



This preview shows how white text looks on a background with the XYZ color 52.1134, 58.2278,

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

52.1134, 58.2278, 72.1107

Protanopia

56.1437, 57.9175, 69.1929

Deuteranopia

59.3503, 58.1342, 73.0587



Tritanopia

53.0139, 58.2302, 76.8520

Trichromacy



Original Color

52.1134, 58.2278, 72.1107

Protanomaly

54.6166, 58.1507, 69.9736

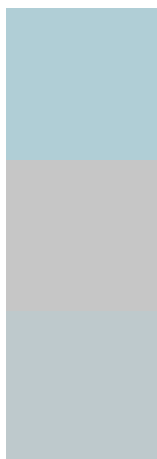
Deuteranomaly

56.5086, 58.0325, 72.5130

Tritanomaly

52.6177, 58.0717, 74.7654

Monochromacy



Original Color

52.1134, 58.2278, 72.1107

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.0209, 57.0801, 65.3498

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1134, 58.2278, 72.1107 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(176, 206, 214) looks like.

```
.text, #text, p{  
    color:rgb(176, 206, 214)  
}
```

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(176, 206, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 206, 214) }
```

Border

The CSS property to change the border of an element to XYZ 52.1134, 58.2278, 72.1107 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(176, 206, 214) }
```


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

```
.border{ border-color:rgb(176, 206, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 206, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 206, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 206, 214);  
box-shadow:4px 4px 4px 4px rgb(176, 206,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1134, 58.2278, 72.1107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 206, 214) }
```

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

```
.background{ background-color: rgb(176,  
206, 214) }
```

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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