

Converting Colors

XYZ(52.1529, 58.5243, 62.7021)

Have a look what the booklet for
XYZ(52.1529, 58.5243, 62.7021)
contains.

XYZ(52.1473, 58.4565, 62.5676)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.1473, 58.4565,
62.5676)**

Conversions

Conversions Part 1

Format	Color
Hex	B8CEC7
RGB	184, 206, 199
RGB Percent	72%, 81%, 78%
CMY	0.2784, 0.1921, 0.2196
CMYK	0.11, 0.00, 0.03, 0.19
HSL	161°, 18%, 76%
HSV	161°, 11%, 81%
XYZ	52.1473, 58.4565, 62.5676
YIQ	198.6240, -10.8650, -6.8410

Conversions

Conversions Part 2

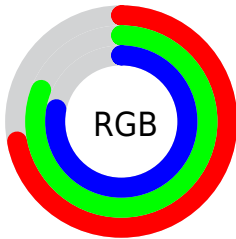
Format	Color
RYB	184, 197, 206
Decimal	12111559
CIELab	80.99, -8.74, 0.95
CIELCh	81, 8.796, 173.782
Yxy	58.4565, 0.3011, 0.3376
Android (android.graphics.Color)	4290301639 (0xFFB8CEC7)
YUV	198.6240, 0.1854, -12.8252
Hunter-Lab	76.4569, -12.0538, 5.0005

Details

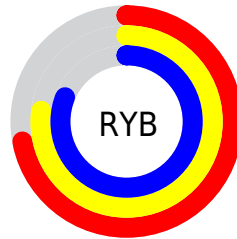
The XYZ color **52.1473, 58.4565, 62.5676** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.0002, 51.1660, 56.4283**, and the grayscale version is **54.0615, 56.8769, 61.9389**.

A 20% lighter version of the original color is **89.7452, 97.2653, 108.6517**, and **25.6991, 29.3261, 31.0941** is the 20% darker color. If you saturate the color by 10%, you get **46.8228, 55.7993, 58.4304**, and if you desaturate by 10%, it is **58.2266, 61.5022, 66.9138**.

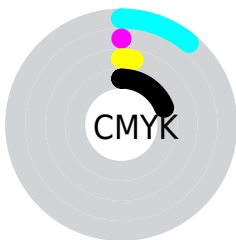
Distribution



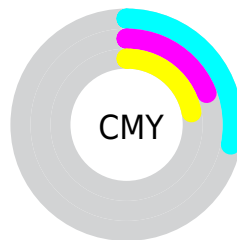
- Red (72%)
- Green (81%)
- Blue (78%)



- Red (72%)
- Yellow (77%)
- Blue (81%)



- Cyan (11%)
- Magenta (0%)
- Yellow (3%)
- Black (19%)



- Cyan (28%)
- Magenta (19%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.1473, 58.4565, 62.5676 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 52.1473, 58.4565, 62.5676 by changing the saturation by 10% instead.

■ 52.1473, 58.4565,
62.5676

■ 52.1473, 58.4565,
62.5676

385.3196,
418.8848, 452.0632

■ 37.3472, 42.1758,
45.0527

■ 92.5214, 102.5873,
110.1250

■ 25.6514, 29.2389,
31.1557

118.8261,
131.2062, 141.0046

■ 16.6943, 19.2616,
20.4580

149.6965,
164.7066, 177.1762

■ 10.1107, 11.8595,
12.5410

185.4977,
203.4729, 219.0584

■ 5.5353, 6.6481,
6.9863

226.5954,
247.8894, 267.0696

■ 2.6026, 3.2430,
3.3752

273.3546,

■ 0.9473, 1.2599,

298.3407, 321.6285

1.2893

326.1409,
355.2110, 383.1535

■ 0.0000, 0.1098,
0.0530

■ 0.0000, 0.0000,
0.0000

■ 52.1473, 58.4565,
62.5676

■ 52.1473, 58.4565,
62.5676

■ 46.8228, 55.7993,
58.4304

■ 58.2266, 61.5022,
66.9138

■ 42.2167, 53.5071,
54.4948

■ 65.0851, 64.9442,
71.4685

■ 38.2971, 51.5651,
50.7583

■ 72.7524, 68.7993,
76.2366

■ 35.0277, 49.9547,
47.2169

■ 76.9342, 70.8535,
81.0189

■ 32.3686, 48.6553,
43.8666

■ 77.8474, 71.2188,
85.8276

■ 30.2756, 47.6442,
40.7030

■ 78.7953, 71.5980,
90.8194

■ 28.6981, 46.8953,
37.7213

■ 79.7784, 71.9912,
95.9960

■ 27.5759, 46.3777,
34.9164

■ 80.7969, 72.3986,
101.3595

■ 26.8383, 46.0512,
32.4545

■ 81.3624, 72.6248,
104.3375

Harmonies

Analogous

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



52.7796, 58.4565, 57.8975



52.1473, 58.4565, 62.5676



52.4134, 58.4565, 67.7859

Triad

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



52.1473, 58.4565, 62.5676



56.9874, 58.4565, 73.2893



57.6591, 58.4565, 55.8853

Complementary

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



52.1473, 58.4565, 62.5676



52.0002, 51.1660, 56.4283

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.



58.8324, 58.4565, 59.6843



52.1473, 58.4565, 62.5676



58.4387, 58.4565, 69.7698

Square

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



52.1473, 58.4565, 62.5676



55.1822, 58.4565, 74.1647



59.1208, 58.4565, 64.7432



55.9418, 58.4565, 54.1778

Rectangle

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



52.1473, 58.4565, 62.5676



53.0675, 58.4565, 70.8544



59.1208, 58.4565, 64.7432



58.1317, 58.4565, 56.9498

Sweetspot

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



52.1490, 58.4590, 62.5689



91.9017, 98.4220, 106.7193



52.2948, 58.7256, 53.9273



19.4949, 20.9782, 22.7187



0.0000, 0.0000, 0.0000



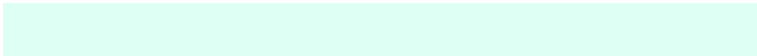
20.3446, 21.4041, 23.3091

Same Dimension

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



52.1490, 58.4590, 62.5689



82.2357, 93.5849, 99.6752



52.1085, 57.0466, 66.6601



11.3854, 12.6639, 13.5870



16.5712, 28.3738, 20.2246



0.8884, 1.4772, 1.2200

Inverse Universe

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



52.0002, 51.1660, 56.4283



81.9440, 79.2719, 87.6250



52.0193, 52.4083, 52.7224



11.3570, 11.2715, 12.4146



16.3105, 8.3348, 4.0878



0.8760, 0.4438, 0.3929

Previews

White Background



This preview shows how the XYZ color 52.1473, 58.4565, 62.5676 looks on a white background.

Color Contrast Check

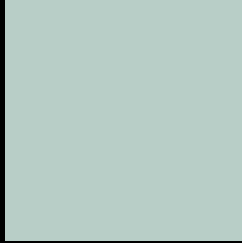
Large Text (above 18pt) WCAG AA × Fail

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 52.1473, 58.4565, 62.5676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

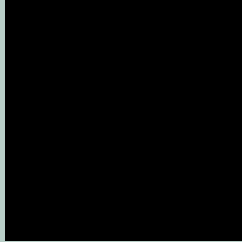
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

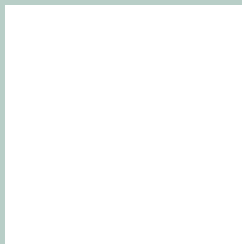
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.1473, 58.4565, 62.5676

Background



This preview shows how black text looks on a background with the XYZ color 52.1473, 58.4565, 62.5676.



This preview shows how white text looks on a background with the XYZ color 52.1473, 58.4565,

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

52.1473, 58.4565, 62.5676

Protanopia

56.0717, 58.4159, 60.5447

Deuteranopia

59.3496, 58.0163, 63.3285



Tritanopia

54.6356, 58.3911, 75.4088

Trichromacy



Original Color

52.1473, 58.4565, 62.5676

Protanomaly

54.4873, 58.2780, 61.2003

Deuteranomaly

56.3515, 57.8237, 62.8346

Tritanomaly

53.7262, 58.3783, 70.7238

Monochromacy



Original Color

52.1473, 58.4565, 62.5676

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.6775, 57.8339, 62.3668

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1473, 58.4565, 62.5676 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(184, 206, 199) looks like.

```
.text, #text, p{  
    color:rgb(184, 206, 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(184, 206, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 206, 199) }
```

Border

The CSS property to change the border of an element to XYZ 52.1473, 58.4565, 62.5676 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(184, 206, 199) }
```


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

```
.border{ border-color:rgb(184, 206, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 206, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 206, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 206, 199);  
box-shadow:4px 4px 4px 4px rgb(184, 206,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1473, 58.4565, 62.5676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 206, 199) }
```

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

```
.background{ background-color: rgb(184,  
206, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor