

Converting Colors

XYZ(52.8352, 59.5886, 65.5809)

Have a look what the booklet for
XYZ(52.8352, 59.5886, 65.5809)
contains.

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Color

**XYZ(52.7464, 59.4165,
65.8152)**

Conversions

Conversions Part 1

Format	Color
Hex	B6D0CC
RGB	182, 208, 204
RGB Percent	71%, 82%, 80%
CMY	0.2863, 0.1843, 0.2000
CMYK	0.13, 0.00, 0.02, 0.18
HSL	171°, 22%, 76%
HSV	171°, 13%, 82%
XYZ	52.7464, 59.4165, 65.8152
YIQ	199.7700, -14.2120, -6.7560

Conversions

Conversions Part 2

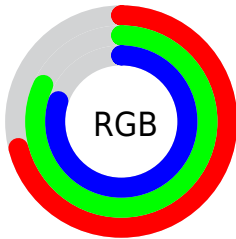
Format	Color
RYB	182, 196, 208
Decimal	11981004
CIELab	81.52, -9.46, -0.97
CIELCh	82, 9.508, 185.827
Yxy	59.4165, 0.2964, 0.3338
Android (android.graphics.Color)	4290171084 (0xFFB6D0CC)
YUV	199.7700, 2.0854, -15.5843
Hunter-Lab	77.0821, -12.7482, 3.3337

Details

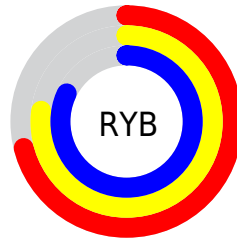
The XYZ color **52.7464, 59.4165, 65.8152** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.6055, 50.4126, 53.4679**, and the grayscale version is **54.7535, 57.6049, 62.7318**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **26.1139, 29.9803, 33.2646** is the 20% darker color. If you saturate the color by 10%, you get **47.8146, 56.9196, 63.6010**, and if you desaturate by 10%, it is **58.4192, 62.2977, 68.1078**.

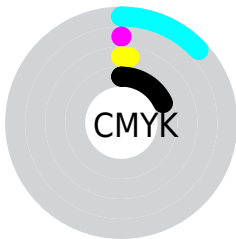
Distribution



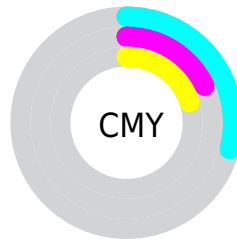
- Red (71%)
- Green (82%)
- Blue (80%)



- Red (71%)
- Yellow (77%)
- Blue (82%)



- Cyan (13%)
- Magenta (0%)
- Yellow (2%)
- Black (18%)



- Cyan (29%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.7464, 59.4165, 65.8152 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 52.7464, 59.4165, 65.8152 by changing the saturation by 10% instead.

■ 52.7464, 59.4165,
65.8152

■ 52.7464, 59.4165,
65.8152

387.5882,
422.4437, 464.1018

■ 37.8270, 42.9485,
47.6669

■ 93.3988, 103.9828,
114.8455

■ 26.0251, 29.8447,
33.2050

119.8626,
132.8498, 146.5646

■ 16.9752, 19.7207,
22.0112

150.9052,
166.6186, 183.6443

■ 10.3120, 12.1922,
13.6667

186.8920,
205.6737, 226.5033

■ 5.6702, 6.8747,
7.7531

228.1883,
250.3993, 275.5600

■ 2.6843, 3.3839,
3.8519

275.1596,

■ 0.9891, 1.3353,

301.1799, 331.2329

1.5444

328.1711,
358.3999, 393.9407

■ 0.0000, 0.1683,
0.2507

■ 0.0000, 0.0000,
0.0000

■ 52.7464, 59.4165,
65.8152

■ 52.7464, 59.4165,
65.8152

■ 47.8146, 56.9196,
63.6010

■ 58.4192, 62.2977,
68.1078

■ 43.5865, 54.7830,
61.4596

■ 64.8580, 65.5713,
70.4764

■ 40.0294, 52.9913,
59.3902

■ 72.0929, 69.2543,
72.9240

■ 37.1059, 51.5254,
57.3910

■ 76.2967, 71.3739,
75.2717

■ 34.7749, 50.3641,
55.4598

■ 76.7169, 71.5419,
77.4845

■ 32.9903, 49.4835,
53.5941

■ 77.1453, 71.7133,
79.7401

■ 31.6993, 48.8565,
51.7913

■ 77.5818, 71.8879,
82.0388

■ 30.8383, 48.4504,
50.0481

■ 78.0265, 72.0658,
84.3807

■ 30.3917, 48.2478,
48.7759

■ 78.4795, 72.2470,
86.7661

Harmonies

Analogous

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



53.0491, 59.4165, 60.3036



52.7464, 59.4165, 65.8152



53.4232, 59.4165, 71.3336

Triad

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



52.7464, 59.4165, 65.8152



58.7466, 59.4165, 74.0070



58.0574, 59.4165, 55.1895

Complementary

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



52.7464, 59.4165, 65.8152



51.6055, 50.4126, 53.4679

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.



59.6380, 59.4165, 58.4806



52.7464, 59.4165, 65.8152



60.0424, 59.4165, 69.2934

Square

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



52.7464, 59.4165, 65.8152



56.8636, 59.4165, 76.2385



60.3724, 59.4165, 63.5865



56.0854, 59.4165, 54.3789

Rectangle

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



52.7464, 59.4165, 65.8152



54.3484, 59.4165, 74.2061



60.3724, 59.4165, 63.5865



58.6535, 59.4165, 56.0325

Sweetspot

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



52.7481, 59.4190, 65.8165



91.1446, 98.0158, 107.4029



51.3320, 58.9726, 52.9344



19.3563, 20.9020, 22.9289



0.0000, 0.0000, 0.0000



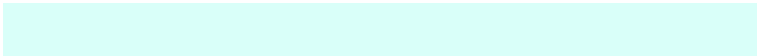
20.3446, 21.4041, 23.3091

Same Dimension

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



52.7481, 59.4190, 65.8165



81.4173, 93.0799, 103.3887



51.1786, 55.5017, 67.6929



12.0769, 13.3745, 14.7613



18.9699, 30.0809, 30.5514



1.0823, 1.6906, 1.8222

Inverse Universe

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



51.6055, 50.4126, 53.4679



79.2591, 76.0652, 80.0615



53.0162, 53.9056, 51.8676



11.8819, 11.8375, 12.6538



16.3978, 8.4320, 1.7353



0.9409, 0.4811, 0.2236

Previews

White Background



This preview shows how the XYZ color 52.7464, 59.4165, 65.8152 looks on a white background.

Color Contrast Check

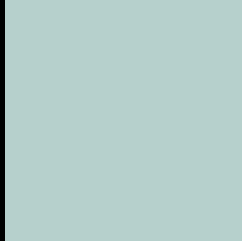
Large Text (above 18pt) WCAG AA × Fail

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 52.7464, 59.4165, 65.8152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

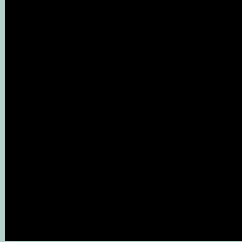
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.7464, 59.4165, 65.8152

Background



This preview shows how black text looks on a background with the XYZ color 52.7464, 59.4165, 65.8152.



This preview shows how white text looks on a background with the XYZ color 52.7464, 59.4165,

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

52.7464, 59.4165, 65.8152

Protanopia

56.7656, 59.0652, 63.0524

Deuteranopia

60.3957, 59.1517, 66.6267



Tritanopia

55.0237, 59.2509, 77.6437

Trichromacy



Original Color

52.7464, 59.4165, 65.8152

Protanomaly

55.1614, 59.2731, 63.7919

Deuteranomaly

57.1273, 58.8381, 66.1036

Tritanomaly

54.1042, 59.2393, 72.8727

Monochromacy



Original Color

52.7464, 59.4165, 65.8152

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

53.8909, 58.2664, 63.6645

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7464, 59.4165, 65.8152 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(182, 208, 204)` looks like.

```
.text, #text, p{  
    color:rgb(182, 208, 204)  
}
```

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(182, 208, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 208, 204) }
```

Border

The CSS property to change the border of an element to XYZ 52.7464, 59.4165, 65.8152 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(182, 208, 204) }
```


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

```
.border{ border-color:rgb(182, 208, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 208, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 208, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 208, 204);  
box-shadow:4px 4px 4px 4px rgb(182, 208,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7464, 59.4165, 65.8152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 208, 204) }
```

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

```
.background{ background-color: rgb(182,  
208, 204) }
```

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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