

Converting Colors

XYZ(52.6543, 57.9394, 65.5350)

Have a look what the booklet for
XYZ(52.6543, 57.9394, 65.5350)
contains.

XYZ(52.7416, 57.9845, 65.5391)	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(52.7416, 57.9845,
65.5391)**

Conversions

Conversions Part 1

Format	Color
Hex	BACCCC
RGB	186, 204, 204
RGB Percent	73%, 80%, 80%
CMY	0.2706, 0.2000, 0.2000
CMYK	0.09, 0.00, 0.00, 0.20
HSL	180°, 15%, 76%
HSV	180°, 9%, 80%
XYZ	52.7416, 57.9845, 65.5391
YIQ	198.6180, -10.7280, -3.8160

Conversions

Conversions Part 2

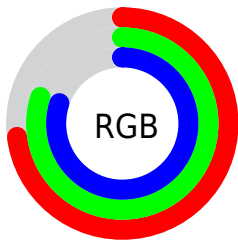
Format	Color
RYB	186, 195, 204
Decimal	12242124
CIELab	80.73, -6.07, -2.09
CIElCh	81, 6.417, 199.012
Yxy	57.9845, 0.2992, 0.3290
Android (android.graphics.Color)	4290432204 (0xFFBACCCC)
YUV	198.6180, 2.6533, -11.0660
Hunter-Lab	76.1476, -9.6249, 2.2732

Details

The XYZ color **52.7416, 57.9845, 65.5391** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.3257, 51.5018, 53.6926**, and the grayscale version is **54.0431, 56.8576, 61.9179**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **26.0842, 29.0012, 33.0772** is the 20% darker color. If you saturate the color by 10%, you get **48.1351, 55.6114, 65.3224**, and if you desaturate by 10%, it is **58.0590, 60.7272, 65.7915**.

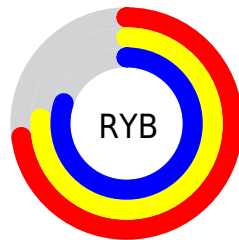
Distribution



Red (73%)

Green (80%)

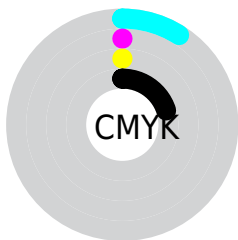
Blue (80%)



Red (73%)

Yellow (76%)

Blue (80%)

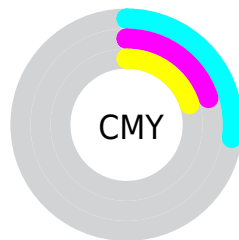


Cyan (9%)

Magenta (0%)

Yellow (0%)

Black (20%)



Cyan (27%)

Magenta (20%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.7416, 57.9845, 65.5391 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 52.7416, 57.9845, 65.5391 by changing the saturation by 10% instead.

■ 52.7416, 57.9845,
65.5391

■ 52.7416, 57.9845,
65.5391

387.5701,
417.1282, 463.0859

■ 37.8232, 41.7962,
47.4442

■ 93.3918, 101.9003,
114.4452

■ 26.0221, 28.9417,
33.0301

119.8543,
130.3966, 146.0936

■ 16.9729, 19.0367,
21.8782

150.8955,
163.7643, 183.0969

■ 10.3104, 11.6968,
13.5700

186.8808,
202.3878, 225.8736

■ 5.6691, 6.5376,
7.6869

228.1756,
246.6516, 274.8423

■ 2.6836, 3.1746,
3.8104

275.1451,

■ 0.9888, 1.2236,

296.9399, 330.4216

1.5219

328.1548,
353.6374, 393.0299

■ 0.0000, 0.0808,
0.2342

■ 0.0000, 0.0000,
0.0000

■ 52.7416, 57.9845,
65.5391

■ 52.7416, 57.9845,
65.5391

■ 48.1351, 55.6114,
65.3224

■ 58.0590, 60.7272,
65.7915

■ 44.2048, 53.5853,
65.1362

■ 64.1103, 63.8468,
66.0770

■ 40.9202, 51.8921,
64.9801

■ 70.9239, 67.3592,
66.3982

■ 38.2469, 50.5140,
64.8527

■ 73.7350, 68.8084,
66.5320

36.1471, 49.4316,
64.7521

73.7355, 68.8086,
66.5344

34.5789, 48.6232,
64.6765

73.7359, 68.8087,
66.5367

33.4947, 48.0643,
64.6234

73.7363, 68.8089,
66.5390

32.8384, 47.7260,
64.5904

73.7368, 68.8091,
66.5413

32.5193, 47.5615,
64.5731

73.7372, 68.8093,
66.5437

Harmonies

Analogous

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



52.6522, 57.9845, 61.7564



52.7416, 57.9845, 65.5391



53.4603, 57.9845, 68.7974

Triad

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



52.7416, 57.9845, 65.5391



57.0557, 57.9845, 68.0368



55.5990, 57.9845, 56.2482

Complementary

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



52.7416, 57.9845, 65.5391



51.3257, 51.5018, 53.6926

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.



56.7984, 57.9845, 57.7926



52.7416, 57.9845, 65.5391



57.6484, 57.9845, 64.5345

Square

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



52.7416, 57.9845, 65.5391



55.9456, 57.9845, 70.2789



57.5535, 57.9845, 60.7909



54.2878, 57.9845, 56.4929

Rectangle

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



52.7416, 57.9845, 65.5391



54.2061, 57.9845, 70.1865



57.5535, 57.9845, 60.7909



56.0290, 57.9845, 56.5728

Sweetspot

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



52.7433, 57.9869, 65.5404



92.2911, 98.5778, 108.7697



50.7801, 57.2101, 54.8214



19.6003, 21.0204, 23.2739



0.0000, 0.0000, 0.0000



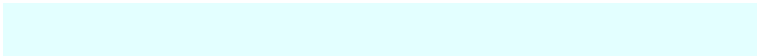
20.3446, 21.4041, 23.3091

Same Dimension

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



52.7433, 57.9869, 65.5404



85.4720, 95.0624, 108.4475



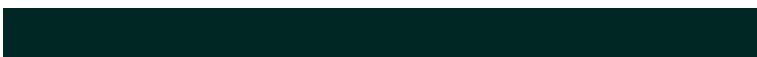
50.7328, 53.9653, 64.8721



11.5432, 12.7270, 14.4181



20.4481, 29.9245, 40.6402



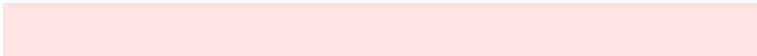
1.0549, 1.5438, 2.0967

Inverse Universe

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



51.3257, 51.5018, 53.6926



82.5543, 81.7144, 84.0619



53.2148, 55.2805, 54.3206



11.2124, 11.2137, 11.6534



15.6737, 8.0801, 0.7344



0.8086, 0.4169, 0.0380

Previews

White Background



This preview shows how the XYZ color 52.7416, 57.9845, 65.5391 looks on a white background.

Color Contrast Check

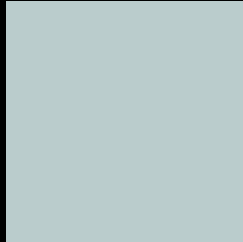
Large Text (above 18pt) WCAG AA × Fail

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 52.7416, 57.9845, 65.5391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

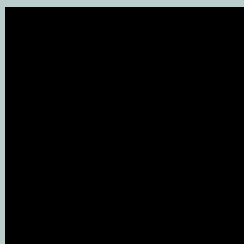
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

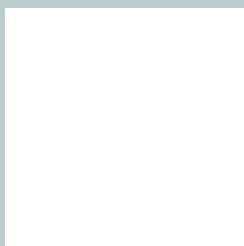
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.7416, 57.9845, 65.5391

Background



This preview shows how black text looks on a background with the XYZ color 52.7416, 57.9845, 65.5391.



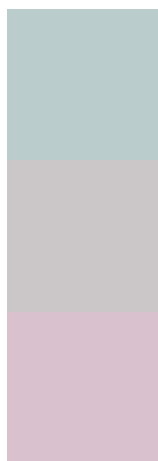
This preview shows how white text looks on a background with the XYZ color 52.7416, 57.9845,

65.5391.

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

52.7416, 57.9845, 65.5391

Protanopia

55.5946, 57.7604, 63.4771

Deuteranopia

59.0476, 57.7915, 66.4353



Tritanopia

54.5145, 57.9944, 74.6505

Trichromacy



Original Color

52.7416, 57.9845, 65.5391

Protanomaly

54.5733, 57.9079, 64.1781

Deuteranomaly

56.6671, 57.9178, 65.9502

Tritanomaly

53.8597, 58.0808, 71.3228

Monochromacy



Original Color

52.7416, 57.9845, 65.5391

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.6774, 57.4597, 63.5201

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7416, 57.9845, 65.5391 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, 204, 204) looks like.

```
.text, #text, p{  
    color:rgb(186, 204, 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(186, 204, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 204, 204) }
```

Border

The CSS property to change the border of an element to XYZ 52.7416, 57.9845, 65.5391 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, 204, 204) }
```


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

```
.border{ border-color:rgb(186, 204, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 204, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 204, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 204, 204);  
box-shadow:4px 4px 4px 4px rgb(186, 204,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7416, 57.9845, 65.5391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 204, 204) }
```

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

```
.background{ background-color: rgb(186,  
204, 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](#).

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