

Converting Colors

XYZ(50.2744, 53.9084, 64.8823)

Have a look what the booklet for
XYZ(50.2744, 53.9084, 64.8823)
contains.

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Color

**XYZ(50.4062, 54.0298,
64.8989)**

Conversions

Conversions Part 1

Format	Color
Hex	B8C4CC
RGB	184, 196, 204
RGB Percent	72%, 77%, 80%
CMY	0.2784, 0.2314, 0.2000
CMYK	0.10, 0.04, 0.00, 0.20
HSL	204°, 16%, 76%
HSV	204°, 10%, 80%
XYZ	50.4062, 54.0298, 64.8989
YIQ	193.3240, -9.7200, -0.0560

Conversions

Conversions Part 2

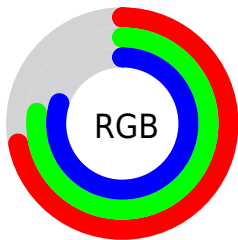
Format	Color
RYB	184, 192, 204
Decimal	12109004
CIELab	78.48, -2.52, -5.42
CIELCh	78, 5.977, 245.062
Yxy	54.0298, 0.2977, 0.3191
Android (android.graphics.Color)	4290299084 (0xFFB8C4CC)
YUV	193.3240, 5.2633, -8.1771
Hunter-Lab	73.5050, -6.2269, -0.8948

Details

The XYZ color **50.4062, 54.0298, 64.8989** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.4036, 53.9972, 53.0090**, and the grayscale version is **50.8545, 53.5029, 58.2647**.

A 20% lighter version of the original color is **89.1105, 95.9958, 108.4402**, and **24.5381, 26.3733, 32.6514** is the 20% darker color. If you saturate the color by 10%, you get **44.0776, 48.1110, 64.0909**, and if you desaturate by 10%, it is **57.5428, 60.5166, 65.7757**.

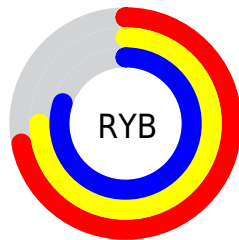
Distribution



Red (72%)

Green (77%)

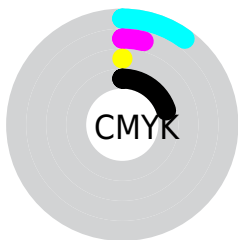
Blue (80%)



Red (72%)

Yellow (75%)

Blue (80%)

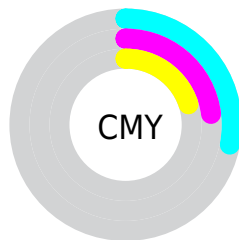


Cyan (10%)

Magenta (4%)

Yellow (0%)

Black (20%)



Cyan (28%)

Magenta (23%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.4062, 54.0298, 64.8989 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 50.4062, 54.0298, 64.8989 by changing the saturation by 10% instead.

■ 50.4062, 54.0298,
64.8989

■ 50.4062, 54.0298,
64.8989

378.6781,
402.2236, 460.7248

■ 35.9554, 38.6255,
46.9283

■ 89.9647, 96.1180,
113.5164

■ 24.5697, 26.4685,
32.6250

115.8030,
123.5707, 145.0003

■ 15.8838, 17.1745,
21.5706

146.1679,
155.8083, 181.8258

■ 9.5323, 10.3590,
13.3464

181.4247,
193.2151, 224.4113

■ 5.1498, 5.6376,
7.5340

221.9388,
236.1757, 273.1754

■ 2.3711, 2.6260,
3.7148

268.0754,

■ 0.8307, 0.9398,

285.0744, 328.5367

1.4702

320.2001,
340.2956, 390.9137

■ 0.0000, 0.0000,
0.1956

■ 0.0000, 0.0000,
0.0000

■ 50.4062, 54.0298,
64.8989

■ 50.4062, 54.0298,
64.8989

■ 44.0776, 48.1110,
64.0909

■ 57.5428, 60.5166,
65.7757

■ 38.5205, 42.7347,
63.3460

■ 65.5123, 67.5821,
66.7194

■ 33.7029, 37.8833,
62.6635

■ 74.3445, 75.2454,
67.7331

■ 29.5882, 33.5357,
62.0412

■ 80.0573, 81.4558,
68.6307

■ 26.1366, 29.6687,
61.4767

■ 82.3630, 86.0671,
69.3993

■ 23.3040, 26.2571,
60.9675

■ 84.7761, 90.8933,
70.2036

■ 21.0403, 23.2724,
60.5107

■ 87.2979, 95.9371,
71.0442

■ 19.2865, 20.6813,
60.1030

■ 87.8993, 97.1397,
71.2447

■ 17.9362, 18.4262,
59.7389

Harmonies

Analogous

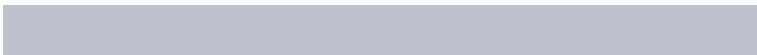
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



49.5250, 54.0298, 62.6284



50.4062, 54.0298, 64.8989



51.5535, 54.0298, 65.5185

Triad

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



50.4062, 54.0298, 64.8989



53.6392, 54.0298, 58.2597



50.0657, 54.0298, 53.6862

Complementary

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



50.4062, 54.0298, 64.8989



52.4036, 53.9972, 53.0090

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.



51.1544, 54.0298, 52.6116



50.4062, 54.0298, 64.8989



53.2269, 54.0298, 55.1870

Square

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



50.4062, 54.0298, 64.8989



53.4315, 54.0298, 61.6022



52.3130, 54.0298, 53.1504



49.3305, 54.0298, 56.1408

Rectangle

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



50.4062, 54.0298, 64.8989



52.3175, 54.0298, 64.8926



52.3130, 54.0298, 53.1504



50.4018, 54.0298, 53.1559

Sweetspot

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



50.4078, 54.0321, 64.9001



91.3232, 96.6416, 108.4482



50.8385, 57.1681, 58.0318



19.3383, 20.4964, 23.1869



0.0000, 0.0000, 0.0000



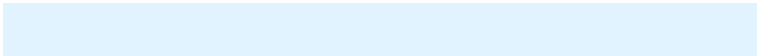
20.3446, 21.4041, 23.3091

Same Dimension

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



50.4078, 54.0321, 64.9001



80.8946, 87.0913, 107.1544



48.2965, 49.8095, 64.1963



11.1523, 11.9450, 14.2882



11.3667, 11.7574, 37.6266



0.6594, 0.7526, 1.9654

Inverse Universe

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



52.0074, 51.1051, 59.3503



84.1453, 81.2434, 95.8539



54.5969, 58.3838, 53.7401



11.4902, 11.3248, 13.1161



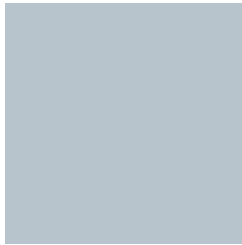
17.9483, 8.9899, 12.7123



0.9628, 0.4785, 0.8499

Previews

White Background



This preview shows how the XYZ color 50.4062, 54.0298, 64.8989 looks on a white background.

Color Contrast Check

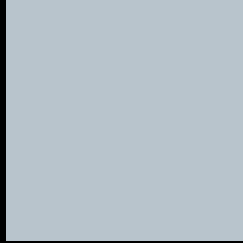
Large Text (above 18pt) WCAG AA × Fail

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 50.4062, 54.0298, 64.8989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

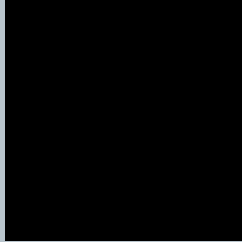
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

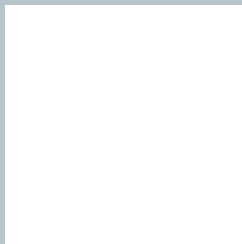
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.4062, 54.0298, 64.8989

Background



This preview shows how black text looks on a background with the XYZ color 50.4062, 54.0298, 64.8989.

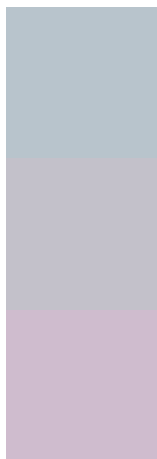


This preview shows how white text looks on a background with the XYZ color 50.4062, 54.0298,

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

50.4062, 54.0298, 64.8989

Protanopia

52.2363, 54.0063, 63.5482

Deuteranopia

54.8559, 53.6881, 65.8641



Tritanopia

51.1555, 53.9976, 68.6992

Trichromacy



Original Color

50.4062, 54.0298, 64.8989

Protanomaly

51.5571, 53.9717, 64.2001

Deuteranomaly

53.2034, 53.8115, 65.3401

Tritanomaly

50.9079, 53.8986, 67.3948

Monochromacy



Original Color

50.4062, 54.0298, 64.8989

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.6050, 53.5619, 60.4946

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4062, 54.0298, 64.8989 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, 196, 204) looks like.

```
.text, #text, p{  
    color:rgb(184, 196, 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(184, 196, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 196, 204) }
```

Border

The CSS property to change the border of an element to XYZ 50.4062, 54.0298, 64.8989 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, 196, 204) }
```


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

```
.border{ border-color:rgb(184, 196, 204) }
```

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

Here you see how a box with a 4 pixel rgb(184, 196, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 196, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 196, 204);  
box-shadow:4px 4px 4px 4px rgb(184, 196,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4062, 54.0298, 64.8989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 196, 204) }
```

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

```
.background{ background-color: rgb(184,  
196, 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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