

Converting Colors

XYZ(52.1223, 50.9986, 65.0755)

Have a look what the booklet for
XYZ(52.1223, 50.9986, 65.0755)
contains.

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Color

**XYZ(51.9794, 50.9681,
64.8558)**

Conversions

Conversions Part 1

Format	Color
Hex	C8B8CD
RGB	200, 184, 205
RGB Percent	78%, 72%, 80%
CMY	0.2157, 0.2784, 0.1961
CMYK	0.02, 0.10, 0.00, 0.20
HSL	286°, 17%, 76%
HSV	286°, 10%, 80%
XYZ	51.9794, 50.9681, 64.8558
YIQ	191.1780, 2.7950, 9.9230

Conversions

Conversions Part 2

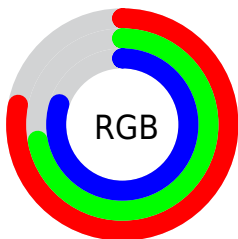
Format	Color
R _Y B	200, 184, 205
Decimal	13154509
CIE Lab	76.66, 9.49, -8.52
CIE LCh	77, 12.753, 318.083
Yxy	50.9681, 0.3098, 0.3037
Android (android.graphics.Color)	4291344589 (0xFFC8B8CD)
YUV	191.1780, 6.8142, 7.7369
Hunter-Lab	71.3919, 5.0273, -3.8875

Details

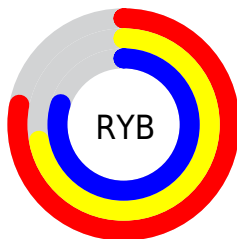
The XYZ color **51.9794, 50.9681, 64.8558** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.4710, 57.9434, 53.8213**, and the grayscale version is **49.5863, 52.1687, 56.8117**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **25.5563, 24.5780, 32.6752** is the 20% darker color. If you saturate the color by 10%, you get **46.7434, 42.3999, 63.4787**, and if you desaturate by 10%, it is **57.8771, 60.7963, 66.4428**.

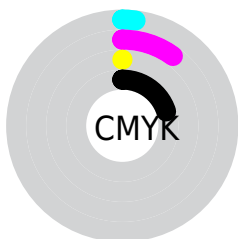
Distribution



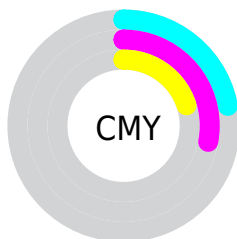
- Red (78%)
- Green (72%)
- Blue (80%)



- Red (78%)
- Yellow (72%)
- Blue (80%)



- Cyan (2%)
- Magenta (10%)
- Yellow (0%)
- Black (20%)



- Cyan (22%)
- Magenta (28%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.9794, 50.9681, 64.8558 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 51.9794, 50.9681, 64.8558 by changing the saturation by 10% instead.

■ 51.9794, 50.9681,
64.8558

■ 51.9794, 50.9681,
64.8558

384.6823,
390.4398, 460.5656

■ 37.2129, 36.1832,
46.8936

■ 92.2753, 91.6076,
113.4538

■ 25.5468, 24.5757,
32.5978

118.5353,
118.2310, 144.9267

■ 16.6158, 15.7612,
21.5499

149.3572,
149.5694, 181.7401

■ 10.0545, 9.3554,
13.3314

185.1064,
186.0072, 224.3127

■ 5.4977, 4.9737,
7.5237

226.1481,
227.9287, 273.0631

■ 2.5798, 2.2318,
3.7084

272.8477,

■ 0.9357, 0.7373,

275.7184, 328.4096

1.4668

325.5707,
329.7607, 390.7710

■ 0.0000, 0.0000,
0.1930

■ 0.0000, 0.0000,
0.0000

■ 51.9794, 50.9681,
64.8558

■ 51.9794, 50.9681,
64.8558

■ 46.7434, 42.3999,
63.4787

■ 57.8771, 60.7963,
66.4428

■ 42.1377, 35.0320,
62.2993

■ 64.4573, 71.9279,
68.2446

■ 38.1353, 28.8099,
61.3093

■ 71.7452, 84.4120,
70.2701

■ 34.7050, 23.6720,
60.4984

■ 76.1517, 91.0697,
71.3229

31.8128, 19.5509,
59.8553

77.6466, 91.8404,
71.3929

29.4210, 16.3716,
59.3677

79.1849, 92.6334,
71.4649

27.4865, 14.0486,
59.0213

80.7671, 93.4491,
71.5389

25.9581, 12.4804,
58.7992

82.3935, 94.2875,
71.6151

24.7665, 11.4947,
58.6717

84.0644, 95.1489,
71.6932

Harmonies

Analogous

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



49.8984, 50.9681, 69.1120



51.9794, 50.9681, 64.8558



53.1274, 50.9681, 58.2853

Triad

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



51.9794, 50.9681, 64.8558



49.4082, 50.9681, 43.4813



44.1649, 50.9681, 59.7239

Complementary

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



51.9794, 50.9681, 64.8558



51.4710, 57.9434, 53.8213

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.



44.0436, 50.9681, 52.7964



51.9794, 50.9681, 64.8558



47.0175, 50.9681, 43.7965

Square

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



51.9794, 50.9681, 64.8558



51.6103, 50.9681, 46.1821



45.0720, 50.9681, 47.0823



45.4093, 50.9681, 65.9839

Rectangle

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



51.9794, 50.9681, 64.8558



53.1848, 50.9681, 53.6477



45.0720, 50.9681, 47.0823



43.9930, 50.9681, 57.3854

Sweetspot

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



51.9809, 50.9703, 64.8569



91.9909, 94.8720, 108.0714



49.0400, 51.1032, 65.0376



19.5186, 20.0202, 23.0855



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.



51.9809, 50.9703, 64.8569



83.4233, 80.6508, 105.7780



52.7149, 51.4207, 61.6386



11.4164, 11.2639, 14.1428



15.5061, 7.2013, 36.5290



0.8646, 0.4049, 1.8875

Inverse Universe

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



51.5043, 50.9364, 55.2635



82.5242, 80.5949, 87.3172



50.8127, 57.5393, 56.7167



11.3200, 11.2567, 12.2197



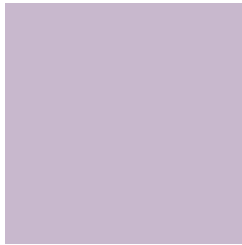
16.0475, 8.2296, 2.7029



0.8585, 0.4368, 0.3006

Previews

White Background



This preview shows how the XYZ color 51.9794, 50.9681, 64.8558 looks on a white background.

Color Contrast Check

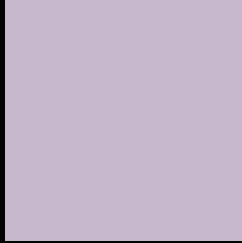
Large Text (above 18pt) WCAG AA × Fail

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 51.9794, 50.9681, 64.8558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

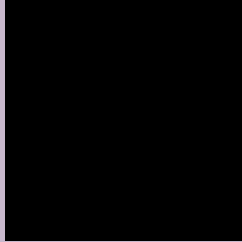
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.9794, 50.9681, 64.8558

Background



This preview shows how black text looks on a background with the XYZ color 51.9794, 50.9681, 64.8558.



This preview shows how white text looks on a background with the XYZ color 51.9794, 50.9681,

64.8558.

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

51.9794, 50.9681, 64.8558

Protanopia

49.7392, 51.0362, 66.2609

Deuteranopia

51.9794, 50.9681, 64.8558



Tritanopia

51.2110, 50.9636, 61.1707

Trichromacy



Original Color

51.9794, 50.9681, 64.8558

Protanomaly

50.6491, 51.2033, 65.6063

Deuteranomaly

51.9794, 50.9681, 64.8558

Tritanomaly

51.4448, 51.0571, 62.4019

Monochromacy



Original Color

51.9794, 50.9681, 64.8558

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.1952, 51.4213, 59.5043

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.9794, 50.9681, 64.8558 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(200, 184, 205) looks like.

```
.text, #text, p{  
    color:rgb(200, 184, 205)  
}
```

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(200, 184, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 184, 205) }
```

Border

The CSS property to change the border of an element to XYZ 51.9794, 50.9681, 64.8558 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(200, 184, 205) }
```


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

```
.border{ border-color:rgb(200, 184, 205) }
```

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

Here you see how a box with a 4 pixel rgb(200, 184, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 184, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 184, 205);  
box-shadow:4px 4px 4px 4px rgb(200, 184,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 51.9794, 50.9681, 64.8558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 184, 205) }
```

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

```
.background{ background-color: rgb(200,  
184, 205) }
```

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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