

Converting Colors

XYZ(50.2247, 50.2060, 58.3790)

Have a look what the booklet for
XYZ(50.2247, 50.2060, 58.3790)
contains.

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Color

**XYZ(50.2795, 50.2269,
58.6745)**

Conversions

Conversions Part 1

Format	Color
Hex	C6B8C3
RGB	198, 184, 195
RGB Percent	78%, 72%, 76%
CMY	0.2235, 0.2784, 0.2353
CMYK	0.00, 0.07, 0.02, 0.22
HSL	313°, 11%, 75%
HSV	313°, 7%, 78%
XYZ	50.2795, 50.2269, 58.6745
YIQ	189.4400, 4.8130, 6.3890

Conversions

Conversions Part 2

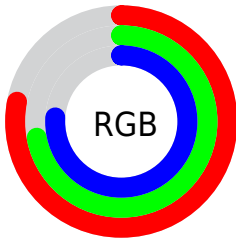
Format	Color
R_{YB}	198, 184, 195
Decimal	13023427
CIE _{Lab}	76.21, 6.93, -3.77
CIE _{LCh}	76, 7.889, 331.434
Yxy	50.2269, 0.3159, 0.3155
Android (android.graphics.Color)	4291213507 (0xFFC6B8C3)
YUV	189.4400, 2.7411, 7.5071
Hunter-Lab	70.8709, 2.6130, 0.5231

Details

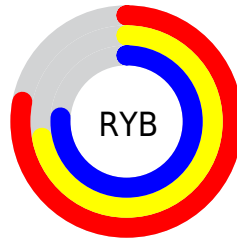
The XYZ color **50.2795, 50.2269, 58.6745** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.9328, 54.1677, 54.8927**, and the grayscale version is **48.6058, 51.1371, 55.6883**.

A 20% lighter version of the original color is **89.9708, 90.6085, 104.8427**, and **24.4256, 24.0850, 28.5608** is the 20% darker color. If you saturate the color by 10%, you get **45.9784, 42.3811, 54.9074**, and if you desaturate by 10%, it is **55.1728, 59.2339, 62.7075**.

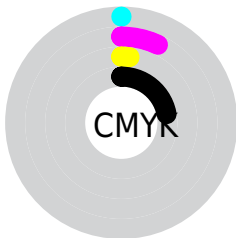
Distribution



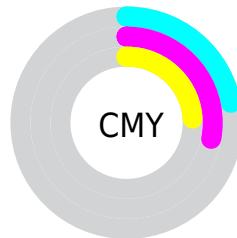
- Red (78%)
- Green (72%)
- Blue (76%)



- Red (78%)
- Yellow (72%)
- Blue (76%)



- Cyan (0%)
- Magenta (7%)
- Yellow (2%)
- Black (22%)



- Cyan (22%)
- Magenta (28%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.2795, 50.2269, 58.6745 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 50.2795, 50.2269, 58.6745 by changing the saturation by 10% instead.

■ 50.2795, 50.2269,
58.6745

■ 50.2795, 50.2269,
58.6745

378.1919,
387.5526, 437.3628

■ 35.8542, 35.5937,
41.9329

■ 89.7782, 90.5110,
104.4289

■ 24.4912, 24.1206,
28.7235

115.5824,
116.9307, 134.2787

■ 15.8251, 15.4231,
18.6280

145.9102,
148.0480, 169.3351

■ 9.4905, 9.1169,
11.2277

181.1270,
184.2473, 210.0164

■ 5.1222, 4.8175,
6.1041

221.5983,
225.9130, 256.7413

■ 2.3546, 2.1406,
2.8387

267.6893,

■ 0.8224, 0.6873,

273.4295, 309.9283

1.0129

319.7654,
327.1813, 369.9960

■ 0.0000, 0.0000,
0.0000

■ 50.2795, 50.2269,
58.6745

■ 50.2795, 50.2269,
58.6745

■ 45.9784, 42.3811,
54.9074

■ 55.1728, 59.2339,
62.7075

■ 42.2413, 35.6423,
51.3945

■ 60.6765, 69.4403,
67.0111

■ 39.0441, 29.9618,
48.1277

■ 66.8132, 80.8908,
71.5942

■ 36.3592, 25.2847,
45.0973

■ 70.9297, 88.2782,
75.5728

■ 34.1566, 21.5511,
42.2927

■ 71.4722, 88.4952,
78.4294

■ 32.4031, 18.6948,
39.7024

■ 72.0288, 88.7178,
81.3607

■ 31.0613, 16.6410,
37.3130

■ 72.5998, 88.9462,
84.3673

■ 30.0872, 15.3023,
35.1096

■ 73.1851, 89.1804,
87.4496

■ 29.4213, 14.5596,
33.0716

■ 73.7849, 89.4203,
90.6082

Harmonies

Analogous

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



49.2370, 50.2269, 61.9331



50.2795, 50.2269, 58.6745



50.6376, 50.2269, 54.4851

Triad

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



50.2795, 50.2269, 58.6745



47.6681, 50.2269, 46.9471



45.3546, 50.2269, 59.0450

Complementary

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



50.2795, 50.2269, 58.6745



48.9328, 54.1677, 54.8927

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.



44.9535, 50.2269, 54.8925



50.2795, 50.2269, 58.6745



46.2720, 50.2269, 48.0322

Square

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



50.2795, 50.2269, 58.6745



49.1114, 50.2269, 47.8456



45.2859, 50.2269, 50.8873



46.3928, 50.2269, 62.1547

Rectangle

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



50.2795, 50.2269, 58.6745



50.4344, 50.2269, 51.7672



45.2859, 50.2269, 50.8873



45.1417, 50.2269, 57.7178

Sweetspot

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



50.2809, 50.2291, 58.6756



93.2690, 96.7189, 107.4406



47.7803, 48.9003, 60.3472



19.9821, 20.7362, 23.0121



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.



50.2809, 50.2291, 58.6756



88.1879, 87.3894, 103.1792



49.5296, 49.9285, 54.7188



10.9820, 10.7762, 12.8885



19.0561, 9.3720, 21.3031



0.9273, 0.4538, 1.1404

Inverse Universe

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



50.2809, 50.2291, 58.6756



88.1879, 87.3894, 103.1792



49.6780, 54.4658, 58.8172



10.9820, 10.7762, 12.8885



19.0561, 9.3720, 21.3031



0.9273, 0.4538, 1.1404

Previews

White Background



This preview shows how the XYZ color 50.2795, 50.2269, 58.6745 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 50.2795, 50.2269, 58.6745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

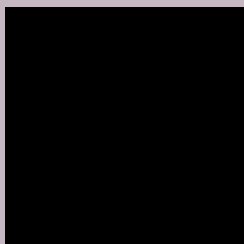
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.2795, 50.2269, 58.6745

Background



This preview shows how black text looks on a background with the XYZ color 50.2795, 50.2269, 58.6745.



This preview shows how white text looks on a background with the XYZ color 50.2795, 50.2269,

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

50.2795, 50.2269, 58.6745

Protanopia

48.8346, 50.3907, 59.9758

Deuteranopia

51.2069, 50.0925, 58.5997



Tritanopia

50.6222, 50.3640, 60.4792

Trichromacy



Original Color

50.2795, 50.2269, 58.6745

Protanomaly

49.2609, 50.3098, 59.3390

Deuteranomaly

50.8712, 50.2246, 58.6429

Tritanomaly

50.5072, 50.3180, 59.8736

Monochromacy



Original Color

50.2795, 50.2269, 58.6745

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.9125, 50.5087, 56.4614

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.2795, 50.2269, 58.6745 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(198, 184, 195) looks like.

```
.text, #text, p{  
    color:rgb(198, 184, 195)  
}
```

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(198, 184, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 184, 195) }
```

Border

The CSS property to change the border of an element to XYZ 50.2795, 50.2269, 58.6745 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(198, 184, 195) }
```


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

```
.border{ border-color:rgb(198, 184, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 184, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 184, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 184, 195);  
box-shadow:4px 4px 4px 4px rgb(198, 184,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 50.2795, 50.2269, 58.6745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 184, 195) }
```

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

```
.background{ background-color: rgb(198,  
184, 195) }
```

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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