

Converting Colors

XYZ(50.2476, 50.7971, 60.5751)

Have a look what the booklet for
XYZ(50.2476, 50.7971, 60.5751)
contains.

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Color

**XYZ(50.2576, 50.7971,
60.5820)**

Conversions

Conversions Part 1

Format	Color
Hex	C3BAC6
RGB	195, 186, 198
RGB Percent	76%, 73%, 78%
CMY	0.2353, 0.2706, 0.2235
CMYK	0.02, 0.06, 0.00, 0.22
HSL	285°, 10%, 75%
HSV	285°, 6%, 78%
XYZ	50.2576, 50.7971, 60.5820
YIQ	190.0590, 1.5120, 5.6400

Conversions

Conversions Part 2

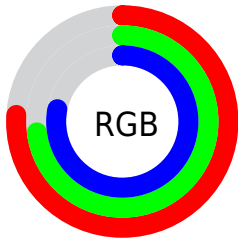
Format	Color
R _Y B	195, 186, 198
Decimal	12827334
CIE Lab	76.56, 5.37, -4.92
CIE LCh	77, 7.282, 317.524
Yxy	50.7971, 0.3109, 0.3143
Android (android.graphics.Color)	4291017414 (0xFFC3BAC6)
YUV	190.0590, 3.9149, 4.3333
Hunter-Lab	71.2721, 1.1434, -0.5066

Details

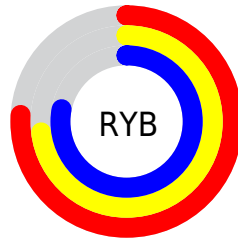
The XYZ color **50.2576, 50.7971, 60.5820** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.0451, 54.7535, 54.3877**, and the grayscale version is **48.9563, 51.5058, 56.0899**.

A 20% lighter version of the original color is **89.9470, 91.4197, 107.5128**, and **24.4061, 24.4514, 29.8188** is the 20% darker color. If you saturate the color by 10%, you get **45.1143, 42.3777, 59.2287**, and if you desaturate by 10%, it is **56.0242, 60.3987, 62.1321**.

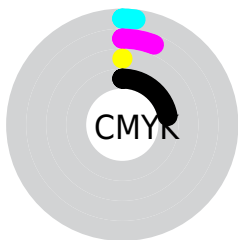
Distribution



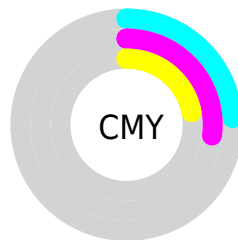
- Red (76%)
- Green (73%)
- Blue (78%)



- Red (76%)
- Yellow (73%)
- Blue (78%)



- Cyan (2%)
- Magenta (6%)
- Yellow (0%)
- Black (22%)



- Cyan (24%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.2576, 50.7971, 60.5820 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 50.2576, 50.7971, 60.5820 by changing the saturation by 10% instead.

■ 50.2576, 50.7971,
60.5820

■ 50.2576, 50.7971,
60.5820

378.1078,
389.7750, 444.6038

■ 35.8368, 36.0472,
43.4596

■ 89.7460, 91.3548,
107.2251

■ 24.4777, 24.4706,
29.9118

115.5442,
117.9313, 137.5828

■ 15.8150, 15.6831,
19.5202

145.8656,
149.2188, 173.1894

■ 9.4833, 9.3002,
11.8661

181.0756,
185.6017, 214.4633

■ 5.1174, 4.9375,
6.5312

221.5394,
227.4644, 261.8232

■ 2.3518, 2.2106,
3.0967

267.6225,

■ 0.8210, 0.7258,

275.1912, 315.6875

1.1442

319.6902,
329.1666, 376.4749

■ 0.0000, 0.0000,
0.0000

■ 50.2576, 50.7971,
60.5820

■ 50.2576, 50.7971,
60.5820

■ 45.1143, 42.3777,
59.2287

■ 56.0242, 60.3987,
62.1321

■ 40.5660, 35.0865,
58.0611

■ 62.4325, 71.2207,
63.8832

■ 36.5884, 28.8750,
57.0718

■ 69.5052, 83.3077,
65.8435

■ 33.1539, 23.6886,
56.2518

■ 73.9206, 90.0150,
66.9054

■ 30.2324, 19.4677,
55.5910

■ 75.3949, 90.7750,
66.9744

■ 27.7908, 16.1468,
55.0787

■ 76.9136, 91.5580,
67.0455

■ 25.7918, 13.6517,
54.7025

■ 78.4771, 92.3640,
67.1186

■ 24.1920, 11.8965,
54.4480

■ 80.0857, 93.1932,
67.1939

■ 22.9369, 10.7726,
54.2972

■ 81.7398, 94.0459,
67.2713

Harmonies

Analogous

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



49.0816, 50.7971, 62.8490



50.2576, 50.7971, 60.5820



50.9090, 50.7971, 56.9614

Triad

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



50.2576, 50.7971, 60.5820



48.8546, 50.7971, 48.2405



45.8035, 50.7971, 57.6209

Complementary

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



50.2576, 50.7971, 60.5820



50.0451, 54.7535, 54.3877

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.



45.7453, 50.7971, 53.6896



50.2576, 50.7971, 60.5820



47.4894, 50.7971, 48.3983

Square

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



50.2576, 50.7971, 60.5820



50.0887, 50.7971, 49.9103



46.3572, 50.7971, 50.3520



46.5176, 50.7971, 61.0845

Rectangle

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



50.2576, 50.7971, 60.5820



50.9501, 50.7971, 54.3238



46.3572, 50.7971, 50.3520



45.7070, 50.7971, 56.3068

Sweetspot

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



50.2591, 50.7993, 60.5831



92.9769, 96.5480, 108.3430



48.6854, 50.9998, 60.7048



19.9226, 20.7014, 23.1957



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.



50.2591, 50.7993, 60.5831



87.9945, 88.2985, 107.0133



50.7221, 51.0749, 58.9347



11.0362, 11.0432, 13.4674



14.7103, 6.8177, 35.2850



0.7599, 0.3555, 1.6737

Inverse Universe

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



50.0347, 50.8000, 55.3149



87.5366, 88.3029, 96.1309



49.6092, 54.4940, 55.9362



10.9756, 11.0439, 12.0218



15.5422, 7.9664, 2.7989



0.7660, 0.3893, 0.2911

Previews

White Background



This preview shows how the XYZ color 50.2576, 50.7971, 60.5820 looks on a white background.

Color Contrast Check

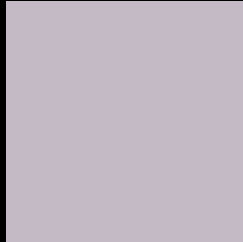
Large Text (above 18pt) WCAG AA × Fail

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 50.2576, 50.7971, 60.5820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

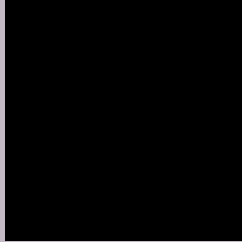
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.2576, 50.7971, 60.5820

Background



This preview shows how black text looks on a background with the XYZ color 50.2576, 50.7971, 60.5820.

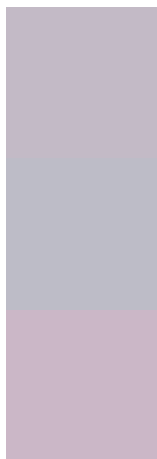


This preview shows how white text looks on a background with the XYZ color 50.2576, 50.7971,

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

50.2576, 50.7971, 60.5820

Protanopia

49.2783, 50.9088, 61.2620

Deuteranopia

51.8709, 50.6870, 61.0825



Tritanopia

50.4899, 50.8900, 61.8052

Trichromacy



Original Color

50.2576, 50.7971, 60.5820

Protanomaly

49.5650, 50.7405, 61.2144

Deuteranomaly

51.2687, 50.6839, 61.1136

Tritanomaly

50.3734, 50.8434, 61.1916

Monochromacy



Original Color

50.2576, 50.7971, 60.5820

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.5615, 51.4519, 57.7711

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.2576, 50.7971, 60.5820 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(195, 186, 198)` looks like.

```
.text, #text, p{  
    color:rgb(195, 186, 198)  
}
```

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(195, 186, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 186, 198) }
```

Border

The CSS property to change the border of an element to XYZ 50.2576, 50.7971, 60.5820 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(195, 186, 198) }
```


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

```
.border{ border-color:rgb(195, 186, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 186, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 186, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 186, 198); box-shadow:4px 4px 4px 4px rgb(195, 186, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 50.2576, 50.7971, 60.5820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 186, 198) }
```

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

```
.background{ background-color: rgb(195,  
186, 198) }
```

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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