

Converting Colors

XYZ(50.8677, 51.8085, 61.3397)

Have a look what the booklet for
XYZ(50.8677, 51.8085, 61.3397)
contains.

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Color

**XYZ(50.7977, 51.6921,
61.3331)**

Conversions

Conversions Part 1

Format	Color
Hex	C3BCC7
RGB	195, 188, 199
RGB Percent	76%, 74%, 78%
CMY	0.2353, 0.2627, 0.2196
CMYK	0.02, 0.06, 0.00, 0.22
HSL	278°, 9%, 76%
HSV	278°, 6%, 78%
XYZ	50.7977, 51.6921, 61.3331
YIQ	191.3470, 0.6410, 4.9050

Conversions

Conversions Part 2

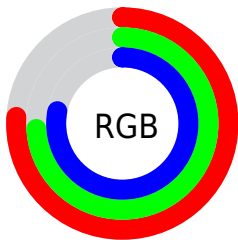
Format	Color
R _Y B	195, 188, 199
Decimal	12827847
CIE Lab	77.10, 4.49, -4.66
CIE LCh	77, 6.470, 313.886
Yxy	51.6921, 0.3101, 0.3155
Android (android.graphics.Color)	4291017927 (0xFFC3BCC7)
YUV	191.3470, 3.7729, 3.2037
Hunter-Lab	71.8972, 0.2959, -0.2503

Details

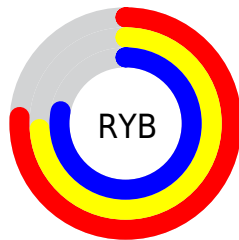
The XYZ color **50.7977, 51.6921, 61.3331** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.2408, 55.6856, 55.6273**, and the grayscale version is **49.7025, 52.2908, 56.9447**.

A 20% lighter version of the original color is **90.5456, 92.6168, 107.7123**, and **24.7593, 25.0350, 30.3153** is the 20% darker color. If you saturate the color by 10%, you get **45.0115, 42.8287, 59.9280**, and if you desaturate by 10%, it is **57.2638, 61.7790, 62.9401**.

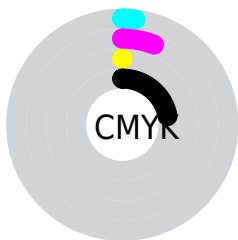
Distribution



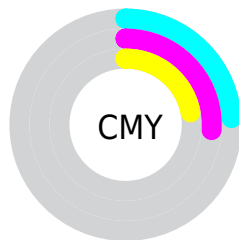
- Red (76%)
- Green (74%)
- Blue (78%)



- Red (76%)
- Yellow (74%)
- Blue (78%)



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



- Cyan (24%)
- Magenta (26%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.7977, 51.6921, 61.3331 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 50.7977, 51.6921, 61.3331 by changing the saturation by 10% instead.

■ 50.7977, 51.6921,
61.3331

■ 50.7977, 51.6921,
61.3331

380.1779,
393.2468, 447.4346

■ 36.2680, 36.7597,
44.0617

■ 90.5404, 92.6770,
108.3233

■ 24.8123, 25.0215,
30.3815

116.4842,
119.4983, 138.8793

■ 16.0653, 16.0931,
19.8738

146.9634,
151.0513, 174.7005

■ 9.6615, 9.5900,
12.1202

182.3433,
187.7206, 216.2055

■ 5.2356, 5.1280,
6.7021

222.9894,
229.8903, 263.8129

■ 2.4223, 2.3226,
3.2009

269.2670,

■ 0.8563, 0.7856,

277.9450, 317.9412

1.1981

321.5414,
332.2690, 379.0089

■ 0.0000, 0.0000,
0.0000

■ 50.7977, 51.6921,
61.3331

■ 50.7977, 51.6921,
61.3331

■ 45.0115, 42.8287,
59.9280

■ 57.2638, 61.7790,
62.9401

■ 39.8755, 35.1339,
58.7135

■ 64.4289, 73.1284,
64.7531

■ 35.3646, 28.5582,
57.6820

■ 72.3171, 85.7857,
66.7804

■ 31.4499, 23.0462,
56.8244

■ 76.7959, 91.4839,
67.6442

■ 28.1002, 18.5374,
56.1307

■ 79.0869, 92.6650,
67.7514

■ 25.2811, 14.9651,
55.5897

■ 81.4746, 93.8959,
67.8632

■ 22.9543, 12.2546,
55.1892

■ 83.9602, 95.1772,
67.9795

■ 21.0750, 10.3188,
54.9146

■ 86.5446, 96.5096,
68.1004

■ 19.5889, 9.0510,
54.7482

■ 87.3090, 96.9036,
68.1362

Harmonies

Analogous

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



49.7043, 51.6921, 63.1530



50.7977, 51.6921, 61.3331



51.4504, 51.6921, 58.1942

Triad

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



50.7977, 51.6921, 61.3331



49.7944, 51.6921, 49.9952



46.8607, 51.6921, 57.9331

Complementary

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



50.7977, 51.6921, 61.3331



51.2408, 55.6856, 55.6273

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.



46.8839, 51.6921, 54.4159



50.7977, 51.6921, 61.3331



48.5637, 51.6921, 49.9319

Square

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



50.7977, 51.6921, 61.3331



50.8646, 51.6921, 51.6964



47.5027, 51.6921, 51.5197



47.4388, 51.6921, 61.1351

Rectangle

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



50.7977, 51.6921, 61.3331



51.5412, 51.6921, 55.8240



47.5027, 51.6921, 51.5197



46.7987, 51.6921, 56.7464

Sweetspot

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



50.7992, 51.6943, 61.3342



92.7653, 96.4389, 108.3331



49.9069, 52.5310, 61.5428



19.8796, 20.6792, 23.1937



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.



50.7992, 51.6943, 61.3342



87.2691, 87.9245, 106.9793



51.6773, 52.1666, 60.4908



10.9397, 10.9935, 13.4629



12.3186, 5.5847, 35.1731



0.6607, 0.3043, 1.6691

Inverse Universe

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



51.0527, 51.9167, 57.2021



87.8426, 88.4253, 97.7420



50.4005, 55.2340, 56.4174



11.0162, 11.0601, 12.2354



15.9442, 8.1272, 4.9158



0.7897, 0.3987, 0.4156

Previews

White Background



This preview shows how the XYZ color 50.7977, 51.6921, 61.3331 looks on a white background.

Color Contrast Check

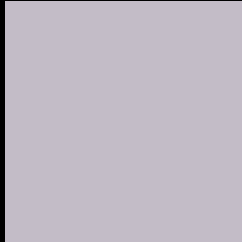
Large Text (above 18pt) WCAG AA × Fail

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 50.7977, 51.6921, 61.3331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

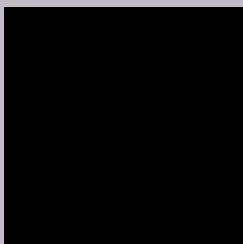
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

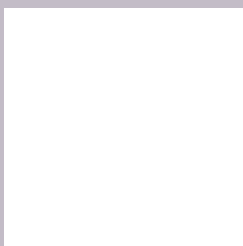
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.7977, 51.6921, 61.3331

Background



This preview shows how black text looks on a background with the XYZ color 50.7977, 51.6921, 61.3331.

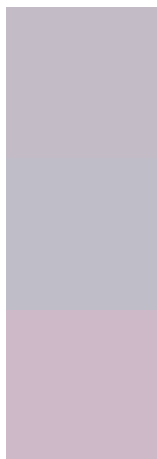


This preview shows how white text looks on a background with the XYZ color 50.7977, 51.6921,

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

50.7977, 51.6921, 61.3331

Protanopia

50.1088, 51.6417, 61.9704

Deuteranopia

52.9511, 51.8472, 61.8603



Tritanopia

51.1959, 51.5407, 63.1271

Trichromacy



Original Color

50.7977, 51.6921, 61.3331

Protanomaly

50.3612, 51.7718, 61.9822

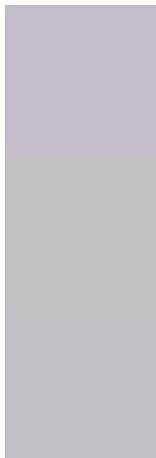
Deuteranomaly

52.0716, 51.7054, 61.8793

Tritanomaly

51.0779, 51.4935, 62.5055

Monochromacy



Original Color

50.7977, 51.6921, 61.3331

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.8893, 51.9284, 58.4327

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7977, 51.6921, 61.3331 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, 188, 199) looks like.

```
.text, #text, p{  
    color:rgb(195, 188, 199)  
}
```

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, 188, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 188, 199) }
```

Border

The CSS property to change the border of an element to XYZ 50.7977, 51.6921, 61.3331 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, 188, 199) }
```


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

```
.border{ border-color:rgb(195, 188, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 188, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 188, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 188, 199);  
box-shadow:4px 4px 4px 4px rgb(195, 188,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7977, 51.6921, 61.3331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 188, 199) }
```

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

```
.background{ background-color: rgb(195,  
188, 199) }
```

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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