

Converting Colors

XYZ(50.2416, 51.5601, 54.3178)

Have a look what the booklet for
XYZ(50.2416, 51.5601, 54.3178)
contains.

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Color

**XYZ(50.2416, 51.5601,
54.3178)**

Conversions

Conversions Part 1

Format	Color
Hex	C6BCBB
RGB	198, 188, 187
RGB Percent	78%, 74%, 73%
CMY	0.2235, 0.2627, 0.2667
CMYK	0.00, 0.05, 0.06, 0.22
HSL	5°, 9%, 75%
HSV	5°, 6%, 78%
XYZ	50.2416, 51.5601, 54.3178
YIQ	190.8760, 6.2810, 1.8090

Conversions

Conversions Part 2

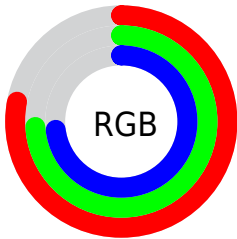
Format	Color
R _Y B	198, 188, 187
Decimal	13024443
CIE Lab	77.02, 3.34, 1.75
CIE LCh	77, 3.773, 27.707
Yxy	51.5601, 0.3218, 0.3303
Android (android.graphics.Color)	4291214523 (0xFFC6BCBB)
YUV	190.8760, -1.9109, 6.2477
Hunter-Lab	71.8054, -0.7645, 5.4133

Details

The XYZ color **50.2416, 51.5601, 54.3178** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.6528, 54.5737, 61.2909**, and the grayscale version is **49.4588, 52.0345, 56.6656**.

A 20% lighter version of the original color is **89.7683, 92.4324, 97.9040**, and **24.4686, 24.9785, 26.0859** is the 20% darker color. If you saturate the color by 10%, you get **44.6595, 43.5570, 42.7104**, and if you desaturate by 10%, it is **56.5982, 60.6432, 67.6266**.

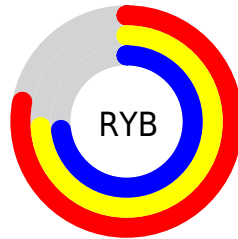
Distribution



Red (78%)

Green (74%)

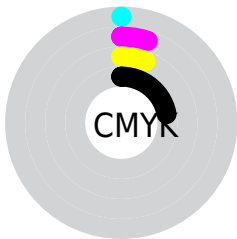
Blue (73%)



Red (78%)

Yellow (74%)

Blue (73%)

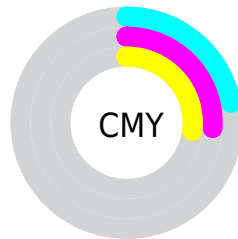


Cyan (0%)

Magenta (5%)

Yellow (6%)

Black (22%)



Cyan (22%)

Magenta (26%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.2416, 51.5601, 54.3178 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 50.2416, 51.5601, 54.3178 by changing the saturation by 10% instead.

■ 50.2416, 51.5601,
54.3178

■ 50.2416, 51.5601,
54.3178

378.0464,
392.7360, 420.5296

■ 35.8240, 36.6546,
38.4609

■ 89.7224, 92.4822,
98.0018

■ 24.4678, 24.9401,
26.0360

115.5163,
119.2675, 126.6660

■ 15.8076, 16.0325,
16.6246

145.8331,
150.7815, 160.4363

■ 9.4781, 9.5471,
9.8081

181.0380,
187.4086, 199.7314

■ 5.1139, 5.0997,
5.1679

221.4964,
229.5332, 244.9697

■ 2.3497, 2.3059,
2.2857

267.5737,

■ 0.8199, 0.7768,

277.5397, 296.5698

0.7232

319.6352,
331.8125, 354.9502

■ 0.0000, 0.0000,
0.0000

■ 50.2416, 51.5601,
54.3178

■ 50.2416, 51.5601,
54.3178

■ 44.6595, 43.5570,
42.7104

■ 56.5982, 60.6432,
67.6266

■ 39.8180, 36.5872,
32.7325

■ 63.7528, 70.8373,
82.6979

■ 35.6874, 30.6106,
24.3122

■ 71.7334, 82.1805,
99.5941

■ 32.2340, 25.5820,
17.3708

■ 77.0990, 90.7459,
108.0599

■ 29.4215, 21.4526,
11.8228

■ 27.2103, 18.1692,
7.5739

■ 25.5561, 15.6731,
4.5181

■ 24.4086, 13.8981,
2.5328

■ 23.7080, 12.7667,
1.4674

Harmonies

Analogous

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



50.4020, 51.5601, 56.2989



50.2416, 51.5601, 54.3178



49.7493, 51.5601, 52.8565

Triad

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



50.2416, 51.5601, 54.3178



47.8459, 51.5601, 54.0495



48.9510, 51.5601, 60.1936

Complementary

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



50.2416, 51.5601, 54.3178



50.6528, 54.5737, 61.2909

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.



48.2708, 51.5601, 59.5571



50.2416, 51.5601, 54.3178



47.6367, 51.5601, 55.9818

Square

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



50.2416, 51.5601, 54.3178



48.3658, 51.5601, 52.7043



47.7915, 51.5601, 58.0029



49.6525, 51.5601, 59.7222

Rectangle

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



50.2416, 51.5601, 54.3178



49.3015, 51.5601, 52.3566



47.7915, 51.5601, 58.0029



48.7123, 51.5601, 60.1018

Sweetspot

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



50.2430, 51.5623, 54.3189



92.7789, 96.7543, 104.1458



51.1474, 51.5822, 60.1347



19.8823, 20.7434, 22.3413



0.0000, 0.0000, 0.0000



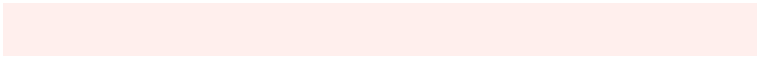
20.3446, 21.4041, 23.3091

Same Dimension

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



50.2430, 51.5623, 54.3189



87.3497, 88.9865, 92.8080



51.4213, 53.9188, 54.7117



10.9508, 11.1344, 11.5816



15.3145, 8.1462, 0.7652



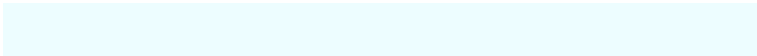
0.7525, 0.4404, 0.0453

Inverse Universe

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



50.6528, 54.5737, 61.2909



88.2679, 95.7358, 108.4344



49.4456, 52.1593, 60.8885



11.0727, 12.0303, 13.6560



17.2677, 23.9293, 38.4531



0.8424, 1.1826, 1.8290

Previews

White Background



This preview shows how the XYZ color 50.2416, 51.5601, 54.3178 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 50.2416, 51.5601, 54.3178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

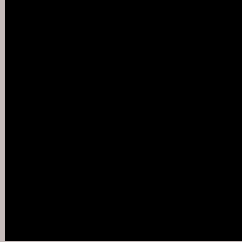
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.2416, 51.5601, 54.3178

Background



This preview shows how black text looks on a background with the XYZ color 50.2416, 51.5601, 54.3178.

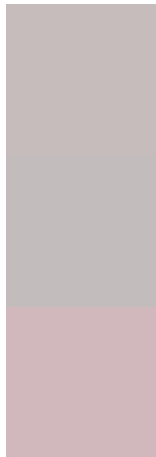


This preview shows how white text looks on a background with the XYZ color 50.2416, 51.5601,

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

50.2416, 51.5601, 54.3178

Protanopia

49.5228, 51.4954, 54.9064

Deuteranopia

52.5121, 51.4671, 54.7434



Tritanopia

51.9209, 51.6142, 62.4844

Trichromacy



Original Color

50.2416, 51.5601, 54.3178

Protanomaly

49.7804, 51.6281, 54.9185

Deuteranomaly

51.6029, 51.3079, 54.7606

Tritanomaly

51.2873, 51.6683, 59.4944

Monochromacy



Original Color

50.2416, 51.5601, 54.3178

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.9559, 52.0140, 56.1219

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.2416, 51.5601, 54.3178 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, 188, 187)` looks like.

```
.text, #text, p{  
    color:rgb(198, 188, 187)  
}
```

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, 188, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 188, 187) }
```

Border

The CSS property to change the border of an element to XYZ 50.2416, 51.5601, 54.3178 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, 188, 187) }
```


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

```
.border{ border-color:rgb(198, 188, 187) }
```

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

Here you see how a box with a 4 pixel rgb(198, 188, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 188, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 188, 187);  
box-shadow:4px 4px 4px 4px rgb(198, 188,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 50.2416, 51.5601, 54.3178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 188, 187) }
```

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

```
.background{ background-color: rgb(198,  
188, 187) }
```

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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