

Converting Colors

XYZ(50.3200, 51.4430, 54.1869)

Have a look what the booklet for
XYZ(50.3200, 51.4430, 54.1869)
contains.

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Color

**XYZ(50.5060, 51.6964,
54.3302)**

Conversions

Conversions Part 1

Format	Color
Hex	C7BCBB
RGB	199, 188, 187
RGB Percent	78%, 74%, 73%
CMY	0.2196, 0.2627, 0.2667
CMYK	0.00, 0.06, 0.06, 0.22
HSL	5°, 10%, 76%
HSV	5°, 6%, 78%
XYZ	50.5060, 51.6964, 54.3302
YIQ	191.1750, 6.8770, 2.0210

Conversions

Conversions Part 2

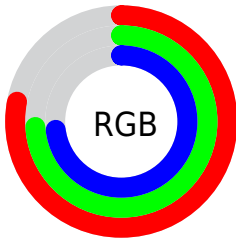
Format	Color
R _Y B	199, 188, 187
Decimal	13089979
CIE Lab	77.10, 3.70, 1.88
CIE LCh	77, 4.148, 27.006
Yxy	51.6964, 0.3227, 0.3303
Android (android.graphics.Color)	4291280059 (0xFFC7BCBB)
YUV	191.1750, -2.0583, 6.8625
Hunter-Lab	71.9002, -0.4388, 5.5286

Details

The XYZ color **50.5060, 51.6964, 54.3302** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.9962, 55.0755, 61.9762**, and the grayscale version is **49.6327, 52.2175, 56.8649**.

A 20% lighter version of the original color is **89.7683, 92.4324, 97.9040**, and **24.6441, 25.0689, 26.0942** is the 20% darker color. If you saturate the color by 10%, you get **44.8693, 43.5989, 42.6589**, and if you desaturate by 10%, it is **56.9332, 60.9011, 67.7227**.

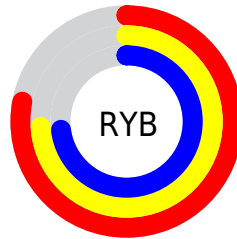
Distribution



Red (78%)

Green (74%)

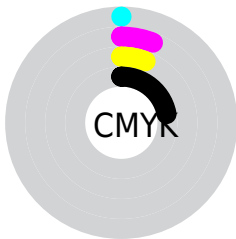
Blue (73%)



Red (78%)

Yellow (74%)

Blue (73%)

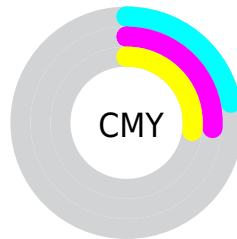


Cyan (0%)

Magenta (6%)

Yellow (6%)

Black (22%)



Cyan (22%)

Magenta (26%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.5060, 51.6964, 54.3302 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 50.5060, 51.6964, 54.3302 by changing the saturation by 10% instead.

■ 50.5060, 51.6964,
54.3302

■ 50.5060, 51.6964,
54.3302

379.0608,
393.2634, 420.5781

■ 36.0351, 36.7631,
38.4707

■ 90.1115, 92.6833,
98.0202

■ 24.6315, 25.0242,
26.0436

115.9767,
119.5058, 126.6878

■ 15.9300, 16.0950,
16.6302

146.3708,
151.0601, 160.4619

■ 9.5652, 9.5914,
9.8120

181.6590,
187.7307, 199.7609

■ 5.1717, 5.1289,
5.1705

222.2068,
229.9019, 245.0036

■ 2.3841, 2.3231,
2.2872

268.3794,

■ 0.8372, 0.7859,

277.9582, 296.6083

0.7240

320.5423,
332.2839, 354.9936

■ 0.0000, 0.0000,
0.0000

■ 50.5060, 51.6964,
54.3302

■ 50.5060, 51.6964,
54.3302

■ 44.8693, 43.5989,
42.6589

■ 56.9332, 60.9011,
67.7227

■ 39.9883, 36.5603,
32.6359

■ 64.1751, 71.2453,
82.8989

■ 35.8321, 30.5389,
24.1878

■ 72.2606, 82.7686,
99.9219

■ 32.3661, 25.4876,
17.2345

■ 77.3634, 90.8822,
108.0723

■ 29.5528, 21.3557,
11.6890

■ 27.3511, 18.0876,
7.4549

■ 25.7152, 15.6220,
4.4241

■ 24.5928, 13.8894,
2.4709

■ 23.9209, 12.8079,
1.4383

Harmonies

Analogous

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



50.6733, 51.6964, 56.5168



50.5060, 51.6964, 54.3302



49.9703, 51.6964, 52.7073

Triad

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



50.5060, 51.6964, 54.3302



47.8689, 51.6964, 53.9455



49.0563, 51.6964, 60.7599

Complementary

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



50.5060, 51.6964, 54.3302



50.9962, 55.0755, 61.9762

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.



48.3108, 51.6964, 60.0286



50.5060, 51.6964, 54.3302



47.6299, 51.6964, 56.0610

Square

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



50.5060, 51.6964, 54.3302



48.4472, 51.6964, 52.4894



47.7908, 51.6964, 58.2935



49.8310, 51.6964, 60.2668

Rectangle

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



50.5060, 51.6964, 54.3302



49.4793, 51.6964, 52.1427



47.7908, 51.6964, 58.2935



48.7941, 51.6964, 60.6487

Sweetspot

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



50.5075, 51.6987, 54.3313



92.7668, 96.7302, 104.1417



51.5172, 51.7607, 60.7022



19.8798, 20.7385, 22.3404



0.0000, 0.0000, 0.0000



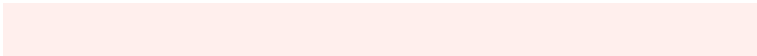
20.3446, 21.4041, 23.3091

Same Dimension

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



50.5075, 51.6987, 54.3313



87.3100, 88.9072, 92.7948



51.8152, 54.3142, 54.7672



10.9456, 11.1239, 11.5799



15.2976, 8.1123, 0.7596



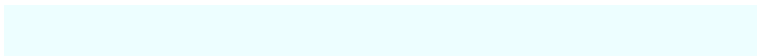
0.7495, 0.4345, 0.0444

Inverse Universe

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



50.9962, 55.0755, 61.9762



88.3108, 95.8217, 108.4487



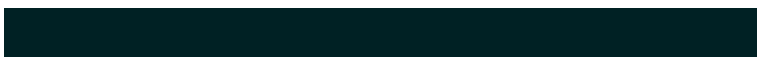
49.6527, 52.3883, 61.5283



11.0784, 12.0418, 13.6579



17.4639, 24.3217, 38.5185



0.8498, 1.1975, 1.8315

Previews

White Background



This preview shows how the XYZ color 50.5060, 51.6964, 54.3302 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 50.5060, 51.6964, 54.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

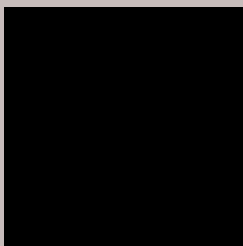
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

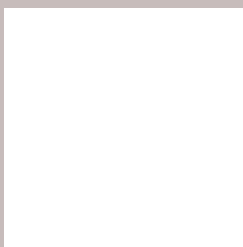
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.5060, 51.6964, 54.3302

Background



This preview shows how black text looks on a background with the XYZ color 50.5060, 51.6964, 54.3302.



This preview shows how white text looks on a background with the XYZ color 50.5060, 51.6964,

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

50.5060, 51.6964, 54.3302

Protanopia

49.5228, 51.4954, 54.9064

Deuteranopia

52.7959, 51.6135, 54.7567



Tritanopia

52.1889, 51.7524, 62.4969

Trichromacy



Original Color

50.5060, 51.6964, 54.3302

Protanomaly

50.0396, 51.7618, 54.9306

Deuteranomaly

51.8797, 51.4506, 54.7736

Tritanomaly

51.5535, 51.8055, 59.5069

Monochromacy



Original Color

50.5060, 51.6964, 54.3302

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 50.5060, 51.6964, 54.3302 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(199, 188, 187)` looks like.

```
.text, #text, p{  
    color:rgb(199, 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(199, 188, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 188, 187) }
```

Border

The CSS property to change the border of an element to XYZ 50.5060, 51.6964, 54.3302 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(199, 188, 187) }
```


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

```
.border{ border-color:rgb(199, 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(199, 188, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 188, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 188, 187);  
box-shadow:4px 4px 4px 4px rgb(199, 188,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5060, 51.6964, 54.3302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 188, 187) }
```

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

```
.background{ background-color: rgb(199,  
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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