

Converting Colors

XYZ(50.5096, 53.6408, 54.7053)

Have a look what the booklet for
XYZ(50.5096, 53.6408, 54.7053)
contains.

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Color

**XYZ(50.5096, 53.6408,
54.7053)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C2BB
RGB	194, 194, 187
RGB Percent	76%, 76%, 73%
CMY	0.2392, 0.2392, 0.2667
CMYK	0.00, 0.00, 0.04, 0.24
HSL	60°, 5%, 75%
HSV	60°, 4%, 76%
XYZ	50.5096, 53.6408, 54.7053
YIQ	193.2020, 2.2470, -2.1770

Conversions

Conversions Part 2

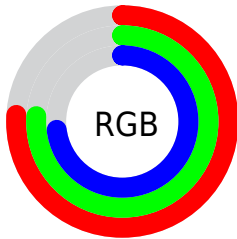
Format	Color
RYB	187, 194, 187
Decimal	12763835
CIELab	78.25, -1.26, 3.51
CIELCh	78, 3.728, 109.819
Yxy	53.6408, 0.3180, 0.3377
Android (android.graphics.Color)	4290953915 (0xFFC2C2BB)
YUV	193.2020, -3.0576, 0.6998
Hunter-Lab	73.2399, -5.0680, 6.9822

Details

The XYZ color **50.5096, 53.6408, 54.7053** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.0035, 50.0020, 58.1630**, and the grayscale version is **50.8252, 53.4720, 58.2310**.

A 20% lighter version of the original color is **89.7876, 95.1663, 98.4306**, and **24.4964, 26.0528, 26.2919** is the 20% darker color. If you saturate the color by 10%, you get **48.5695, 52.8662, 44.4955**, and if you desaturate by 10%, it is **52.7333, 54.5323, 66.3953**.

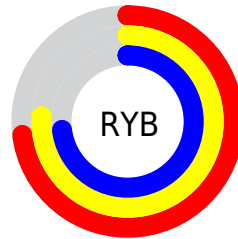
Distribution



Red (76%)

Green (76%)

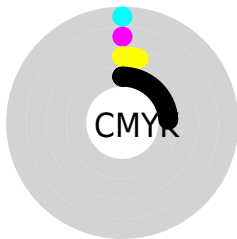
Blue (73%)



Red (73%)

Yellow (76%)

Blue (73%)

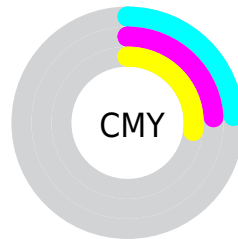


Cyan (0%)

Magenta (0%)

Yellow (4%)

Black (24%)



Cyan (24%)

Magenta (24%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.5096, 53.6408, 54.7053 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 50.5096, 53.6408, 54.7053 by changing the saturation by 10% instead.

■ 50.5096, 53.6408,
54.7053

■ 50.5096, 53.6408,
54.7053

379.0746,
400.7388, 422.0443

■ 36.0379, 38.3146,
38.7688

■ 90.1168, 95.5466,
98.5759

■ 24.6337, 26.2269,
26.2735

115.9830,
122.8950, 127.3470

■ 15.9317, 16.9935,
16.8007

146.3781,
155.0196, 161.2335

■ 9.5663, 10.2298,
9.9321

181.6675,
192.3047, 200.6538

■ 5.1724, 5.5516,
5.2489

222.2165,
235.1348, 246.0265

■ 2.3846, 2.5744,
2.3328

268.3904,

■ 0.8374, 0.9138,

283.8942, 297.7701

0.7495

320.5547,
338.9674, 356.3032

■ 0.0000, 0.0000,
0.0000

■ 50.5096, 53.6408,
54.7053

■ 50.5096, 53.6408,
54.7053

■ 48.5695, 52.8662,
44.4955

■ 52.7333, 54.5323,
66.3953

■ 46.8974, 52.1971,
35.7035

■ 55.2467, 55.5380,
79.6175

■ 45.4829, 51.6309,
28.2678

■ 58.0613, 56.6641,
94.4258

■ 44.3130, 51.1627,
22.1209

■ 59.6015, 57.2804,
102.5226

■ 43.3740, 50.7868,
17.1894

■ 59.6040, 57.2817,
102.5228

■ 42.6506, 50.4971,
13.3929

■ 59.6065, 57.2831,
102.5229

■ 42.1255, 50.2868,
10.6410

■ 59.6091, 57.2844,
102.5230

■ 41.7790, 50.1479,
8.8297

■ 59.6116, 57.2857,
102.5231

■ 41.5873, 50.0710,
7.8335

■ 59.6142, 57.2870,
102.5232

Harmonies

Analogous

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



51.2325, 53.6408, 54.5381



50.5096, 53.6408, 54.7053



49.9192, 53.6408, 55.8505

Triad

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



50.5096, 53.6408, 54.7053



50.0838, 53.6408, 61.5308



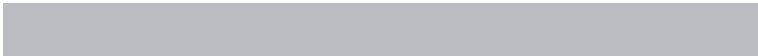
52.3779, 53.6408, 59.1191

Complementary

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



50.5096, 53.6408, 54.7053



48.0035, 50.0020, 58.1630

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.



52.0638, 53.6408, 61.0377



50.5096, 53.6408, 54.7053



50.7363, 53.6408, 62.4519

Square

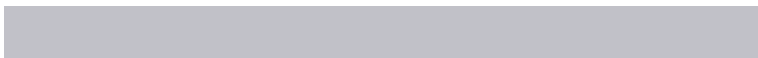
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



50.5096, 53.6408, 54.7053



49.6750, 53.6408, 59.7791



51.4613, 53.6408, 62.2693



52.3158, 53.6408, 57.0535

Rectangle

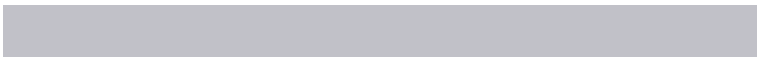
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



50.5096, 53.6408, 54.7053



49.6780, 53.6408, 57.0300



51.4613, 53.6408, 62.2693



52.3127, 53.6408, 59.8034

Sweetspot

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



50.5111, 53.6431, 54.7065



92.5031, 97.5806, 104.3407



48.9898, 50.5992, 54.1991



20.2615, 21.3709, 22.8720



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.



50.5111, 53.6431, 54.7065



91.3380, 97.1144, 98.2128



49.6237, 53.1857, 54.6649



11.1185, 11.8403, 11.8372



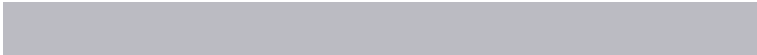
27.2948, 32.8998, 4.9117



1.1795, 1.4216, 0.2122

Inverse Universe

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



48.0035, 50.0020, 58.1630



86.2398, 89.7114, 105.2405



48.8699, 50.4486, 58.2036



10.4043, 10.8033, 12.8217



6.4032, 2.5614, 33.7135



0.2768, 0.1108, 1.4567

Previews

White Background



This preview shows how the XYZ color 50.5096, 53.6408, 54.7053 looks on a white background.

Color Contrast Check

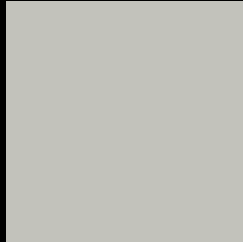
Large Text (above 18pt) WCAG AA × Fail

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 50.5096, 53.6408, 54.7053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

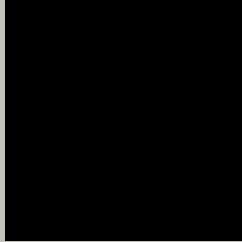
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

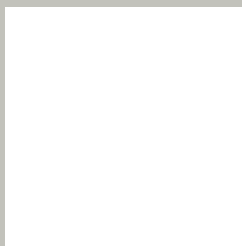
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.5096, 53.6408, 54.7053

Background



This preview shows how black text looks on a background with the XYZ color 50.5096, 53.6408, 54.7053.

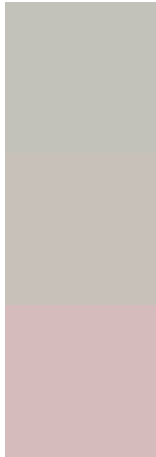


This preview shows how white text looks on a background with the XYZ color 50.5096, 53.6408,

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

50.5096, 53.6408, 54.7053

Protanopia

51.4861, 53.8272, 54.1305

Deuteranopia

54.5790, 53.4676, 55.0206



Tritanopia

52.7973, 53.5882, 65.9533

Trichromacy



Original Color

50.5096, 53.6408, 54.7053

Protanomaly

50.9588, 53.5554, 54.1058

Deuteranomaly

53.2227, 53.7231, 55.1414

Tritanomaly

51.9234, 53.5586, 61.6340

Monochromacy



Original Color

50.5096, 53.6408, 54.7053

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.4663, 53.2390, 56.9065

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5096, 53.6408, 54.7053 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(194, 194, 187)` looks like.

```
.text, #text, p{  
    color:rgb(194, 194, 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(194, 194, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 194, 187) }
```

Border

The CSS property to change the border of an element to XYZ 50.5096, 53.6408, 54.7053 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(194, 194, 187) }
```


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

```
.border{ border-color:rgb(194, 194, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 194, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 194, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 194, 187);  
box-shadow:4px 4px 4px 4px rgb(194, 194,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5096, 53.6408, 54.7053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 194, 187) }
```

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

```
.background{ background-color: rgb(194,  
194, 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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