

Converting Colors

XYZ(50.4605, 56.1595, 54.2643)

Have a look what the booklet for
XYZ(50.4605, 56.1595, 54.2643)
contains.

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Color

**XYZ(50.3826, 55.9674,
54.0463)**

Conversions

Conversions Part 1

Format	Color
Hex	BCC9B9
RGB	188, 201, 185
RGB Percent	74%, 79%, 73%
CMY	0.2627, 0.2117, 0.2745
CMYK	0.06, 0.00, 0.08, 0.21
HSL	109°, 13%, 76%
HSV	109°, 8%, 79%
XYZ	50.3826, 55.9674, 54.0463
YIQ	195.2890, -2.6120, -7.7320

Conversions

Conversions Part 2

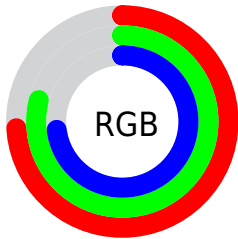
Format	Color
RYB	185, 201, 198
Decimal	12372409
CIELab	79.60, -7.39, 6.46
CIElCh	80, 9.822, 138.839
Yxy	55.9674, 0.3141, 0.3489
Android (android.graphics.Color)	4290562489 (0xFFBCC9B9)
YUV	195.2890, -5.0725, -6.3925
Hunter-Lab	74.8114, -10.7069, 9.5348

Details

The XYZ color **50.3826, 55.9674, 54.0463** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.1825, 50.9223, 62.3926**, and the grayscale version is **52.0758, 54.7878, 59.6639**.

A 20% lighter version of the original color is **88.9454, 97.1040, 97.2741**, and **24.5902, 27.6843, 25.8774** is the 20% darker color. If you saturate the color by 10%, you get **44.6108, 53.2216, 43.4717**, and if you desaturate by 10%, it is **56.9130, 59.0728, 66.2247**.

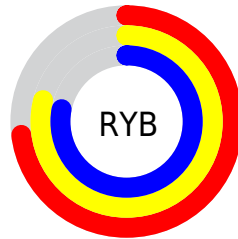
Distribution



Red (74%)

Green (79%)

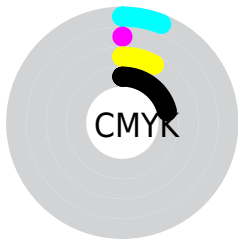
Blue (73%)



Red (73%)

Yellow (79%)

Blue (78%)

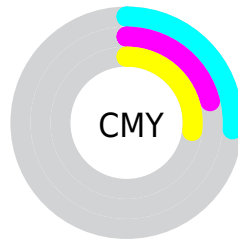


Cyan (6%)

Magenta (0%)

Yellow (8%)

Black (21%)



Cyan (26%)

Magenta (21%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.3826, 55.9674, 54.0463 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 50.3826, 55.9674, 54.0463 by changing the saturation by 10% instead.

■ 50.3826, 55.9674,
54.0463

■ 50.3826, 55.9674,
54.0463

378.5876,
409.5686, 419.4662

■ 35.9365, 40.1768,
38.2452

■ 89.9299, 98.9569,
97.5993

■ 24.5551, 27.6764,
25.8698

115.7619,
126.9246, 126.1884

■ 15.8728, 18.0819,
16.5014

146.1199,
159.7201, 159.8771

■ 9.5245, 11.0088,
9.7214

181.3693,
197.7278, 199.0842

■ 5.1447, 6.0727,
5.1115

221.8754,
241.3321, 244.2281

■ 2.3680, 2.8894,
2.2529

268.0035,

■ 0.8291, 1.0742,

290.9174, 295.7274

0.7047

320.1192,
346.8681, 354.0005

■ 0.0000, 0.0000,
0.0000

■ 50.3826, 55.9674,
54.0463

■ 50.3826, 55.9674,
54.0463

■ 44.6108, 53.2216,
43.4717

■ 56.9130, 59.0728,
66.2247

■ 39.5652, 50.8154,
34.4306

■ 64.2235, 62.5427,
80.0661

■ 35.2181, 48.7376,
26.8529

■ 72.3405, 66.3911,
95.6309

■ 31.5381, 46.9738,
20.6616

■ 79.5671, 69.9406,
103.9140

■ 28.4915, 45.5082,
15.7727

■ 80.1777, 70.2555,
103.9426

■ 26.0413, 44.3240,
12.0931

■ 24.1467, 43.4023,
9.5172

■ 22.7613, 42.7220,
7.9215

■ 21.8248, 42.2559,
7.1236

Harmonies

Analogous

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



51.9764, 55.9674, 51.1991



50.3826, 55.9674, 54.0463



49.5500, 55.9674, 58.8545

Triad

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



50.3826, 55.9674, 54.0463



52.4624, 55.9674, 72.2641



56.8773, 55.9674, 57.4884

Complementary

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



50.3826, 55.9674, 54.0463



51.1825, 50.9223, 62.3926

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.



57.0152, 55.9674, 63.0721



50.3826, 55.9674, 54.0463



54.4331, 55.9674, 71.8419

Square

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



50.3826, 55.9674, 54.0463



50.7308, 55.9674, 69.5142



56.1109, 55.9674, 68.3941



55.7385, 55.9674, 53.0997

Rectangle

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



50.3826, 55.9674, 54.0463



49.5244, 55.9674, 62.6283



56.1109, 55.9674, 68.3941



57.0433, 55.9674, 59.2803

Sweetspot

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



50.3841, 55.9698, 54.0475



92.7314, 98.8983, 104.5621



52.9951, 56.2196, 53.9581



19.8727, 21.1799, 22.4260



0.0000, 0.0000, 0.0000



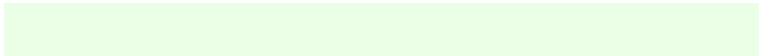
20.3446, 21.4041, 23.3091

Same Dimension

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



50.3841, 55.9698, 54.0475



83.9963, 94.7449, 88.3558



50.1684, 55.7990, 56.7282



10.6799, 11.9819, 11.3126



13.6855, 26.5504, 4.4034



0.7056, 1.2868, 0.2112

Inverse Universe

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



51.1825, 50.9223, 62.3926



85.7113, 83.9005, 106.2847



51.4249, 51.1115, 59.5013



10.8807, 10.7123, 13.4117



16.2403, 7.6064, 35.3566



0.8208, 0.3869, 1.6766

Previews

White Background



This preview shows how the XYZ color 50.3826, 55.9674, 54.0463 looks on a white background.

Color Contrast Check

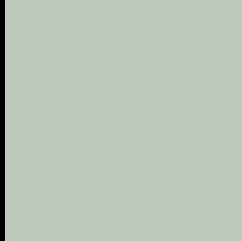
Large Text (above 18pt) WCAG AA × Fail

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 50.3826, 55.9674, 54.0463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

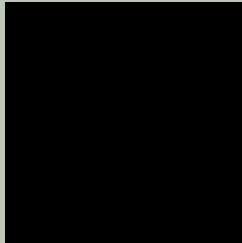
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

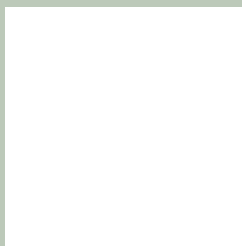
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.3826, 55.9674, 54.0463

Background



This preview shows how black text looks on a background with the XYZ color 50.3826, 55.9674, 54.0463.



This preview shows how white text looks on a background with the XYZ color 50.3826, 55.9674,

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

50.3826, 55.9674, 54.0463

Protanopia

53.0853, 55.6946, 52.2082

Deuteranopia

56.8983, 55.6304, 54.7526



Tritanopia

53.7147, 55.9431, 70.9178

Trichromacy



Original Color

50.3826, 55.9674, 54.0463

Protanomaly

52.0300, 55.8128, 52.8304

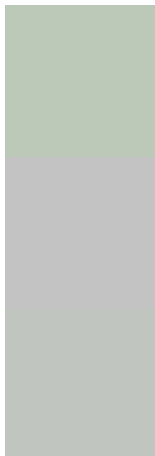
Deuteranomaly

54.1671, 55.5386, 54.3195

Tritanomaly

52.4594, 55.7763, 64.5009

Monochromacy



Original Color

50.3826, 55.9674, 54.0463

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.1085, 54.9006, 57.1934

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.3826, 55.9674, 54.0463 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(188, 201, 185)` looks like.

```
.text, #text, p{  
    color:rgb(188, 201, 185)  
}
```

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(188, 201, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 201, 185) }
```

Border

The CSS property to change the border of an element to XYZ 50.3826, 55.9674, 54.0463 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(188, 201, 185) }
```


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

```
.border{ border-color:rgb(188, 201, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 201, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 201, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 201, 185);  
box-shadow:4px 4px 4px 4px rgb(188, 201,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 50.3826, 55.9674, 54.0463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 201, 185) }
```

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

```
.background{ background-color: rgb(188,  
201, 185) }
```

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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