

Converting Colors

XYZ(49.5660, 50.5819, 54.2076)

Have a look what the booklet for
XYZ(49.5660, 50.5819, 54.2076)
contains.

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Color

**XYZ(49.5545, 50.5760,
54.1640)**

Conversions

Conversions Part 1

Format	Color
Hex	C5BABB
RGB	197, 186, 187
RGB Percent	77%, 73%, 73%
CMY	0.2274, 0.2706, 0.2667
CMYK	0.00, 0.06, 0.05, 0.23
HSL	355°, 9%, 75%
HSV	355°, 6%, 77%
XYZ	49.5545, 50.5760, 54.1640
YIQ	189.4030, 6.2350, 2.6430

Conversions

Conversions Part 2

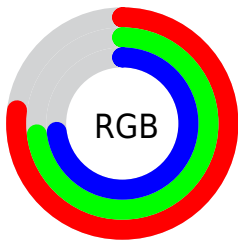
Format	Color
R _Y B	197, 186, 187
Decimal	12958395
CIE Lab	76.42, 4.06, 0.88
CIE LCh	76, 4.150, 12.205
Yxy	50.5760, 0.3212, 0.3278
Android (android.graphics.Color)	4291148475 (0xFFC5BABB)
YUV	189.4030, -1.1847, 6.6626
Hunter-Lab	71.1168, -0.0748, 4.6253

Details

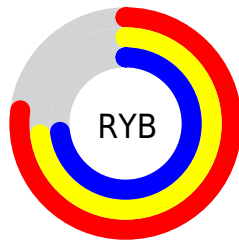
The XYZ color **49.5545, 50.5760, 54.1640** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.1817, 54.3584, 60.0747**, and the grayscale version is **48.6058, 51.1371, 55.6883**.

A 20% lighter version of the original color is **88.8028, 91.0462, 97.6873**, and **24.0183, 24.3359, 25.9857** is the 20% darker color. If you saturate the color by 10%, you get **43.8874, 42.1216, 43.3958**, and if you desaturate by 10%, it is **56.0359, 60.2749, 66.3854**.

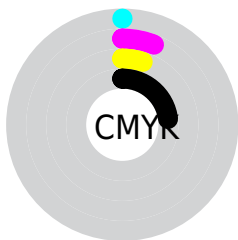
Distribution



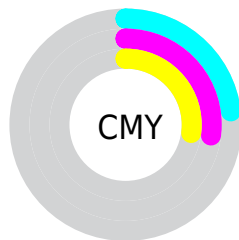
- Red (77%)
- Green (73%)
- Blue (73%)



- Red (77%)
- Yellow (73%)
- Blue (73%)



- Cyan (0%)
- Magenta (6%)
- Yellow (5%)
- Black (23%)



- Cyan (23%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.5545, 50.5760, 54.1640 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 49.5545, 50.5760, 54.1640 by changing the saturation by 10% instead.

■ 49.5545, 50.5760,
54.1640

■ 49.5545, 50.5760,
54.1640

375.4020,
388.9142, 419.9274

■ 35.2759, 35.8713,
38.3387

■ 88.7102, 91.0277,
97.7738

■ 24.0430, 24.3348,
25.9418

114.3181,
117.5435, 126.3955

■ 15.4904, 15.5822,
16.5547

144.4330,
148.7651, 160.1196

■ 9.2528, 9.2290,
9.7590

179.4205,
185.0769, 199.3649

■ 4.9649, 4.8908,
5.1359

219.6457,
226.8634, 244.5497

■ 2.2612, 2.1834,
2.2671

265.4742,

■ 0.7747, 0.7109,

274.5088, 296.0927

0.7127

317.2712,
328.3976, 354.4124

■ 0.0000, 0.0000,
0.0000

■ 49.5545, 50.5760,
54.1640

■ 49.5545, 50.5760,
54.1640

■ 43.8874, 42.1216,
43.3958

■ 56.0359, 60.2749,
66.3854

■ 38.9984, 34.8551,
34.0234

■ 63.3576, 71.2587,
80.1078

■ 34.8547, 28.7251,
25.9907

■ 71.5497, 83.5746,
95.3809

■ 31.4195, 23.6742,
19.2364

■ 76.8362, 90.6105,
108.0476

■ 28.6530, 19.6398,
13.6945

■ 26.5115, 16.5530,
9.2929

■ 24.9459, 14.3363,
5.9520

■ 23.8998, 12.8997,
3.5818

■ 23.3046, 12.1329,
2.0773

Harmonies

Analogous

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



49.5158, 50.5760, 56.3942



49.5545, 50.5760, 54.1640



49.1925, 50.5760, 52.2283

Triad

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



49.5545, 50.5760, 54.1640



47.0687, 50.5760, 51.9423



47.6132, 50.5760, 59.2682

Complementary

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



49.5545, 50.5760, 54.1640



50.1817, 54.3584, 60.0747

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.



46.9666, 50.5760, 58.0102



49.5545, 50.5760, 54.1640



46.6545, 50.5760, 53.7640

Square

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



49.5545, 50.5760, 54.1640



47.7540, 50.5760, 50.9691



46.6173, 50.5760, 55.9833



48.3893, 50.5760, 59.3824

Rectangle

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



49.5545, 50.5760, 54.1640



48.7750, 50.5760, 51.3492



46.6173, 50.5760, 55.9833



47.3737, 50.5760, 58.9636

Sweetspot

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



49.5559, 50.5782, 54.1651



92.7067, 96.4940, 104.4795



50.3774, 50.8736, 59.9884



19.8676, 20.6904, 22.4092



0.0000, 0.0000, 0.0000



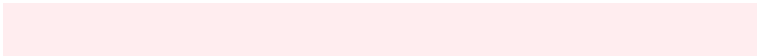
20.3446, 21.4041, 23.3091

Same Dimension

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



49.5559, 50.5782, 54.1651



87.1133, 88.1335, 93.9015



50.3906, 52.4177, 53.9188



10.9195, 11.0215, 11.7264



15.2300, 7.8415, 1.1549



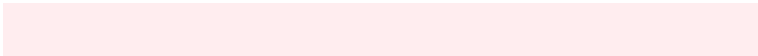
0.7348, 0.3768, 0.1269

Inverse Universe

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



49.5559, 50.5782, 54.1651



87.1133, 88.1335, 93.9015



49.3112, 52.4354, 60.3460



10.9195, 11.0215, 11.7264



15.2300, 7.8415, 1.1549



0.7348, 0.3768, 0.1269

Previews

White Background



This preview shows how the XYZ color 49.5545, 50.5760, 54.1640 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 49.5545, 50.5760, 54.1640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

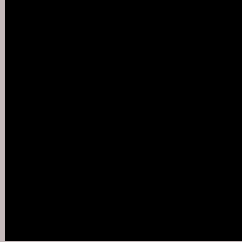
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

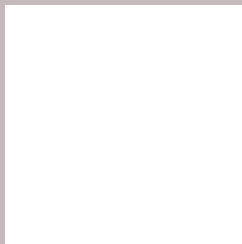
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.5545, 50.5760, 54.1640

Background



This preview shows how black text looks on a background with the XYZ color 49.5545, 50.5760, 54.1640.

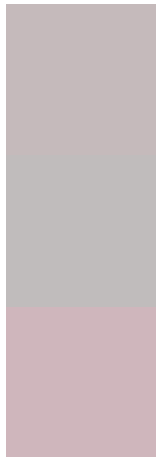


This preview shows how white text looks on a background with the XYZ color 49.5545, 50.5760,

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

49.5545, 50.5760, 54.1640

Protanopia

48.7985, 50.8037, 54.8111

Deuteranopia

51.5372, 50.3521, 54.5796



Tritanopia

51.0025, 50.5466, 61.1012

Trichromacy



Original Color

49.5545, 50.5760, 54.1640

Protanomaly

49.0956, 50.6408, 54.7640

Deuteranomaly

50.6392, 50.1943, 54.5965

Tritanomaly

50.4880, 50.6438, 58.7440

Monochromacy



Original Color

49.5545, 50.5760, 54.1640

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.7985, 50.8037, 54.8111

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.5545, 50.5760, 54.1640 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(197, 186, 187)` looks like.

```
.text, #text, p{  
    color:rgb(197, 186, 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(197, 186, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 186, 187) }
```

Border

The CSS property to change the border of an element to XYZ 49.5545, 50.5760, 54.1640 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(197, 186, 187) }
```


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

```
.border{ border-color:rgb(197, 186, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 186, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 186, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 186, 187);  
box-shadow:4px 4px 4px 4px rgb(197, 186,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 49.5545, 50.5760, 54.1640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 186, 187) }
```

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

```
.background{ background-color: rgb(197,  
186, 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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