

Converting Colors

XYZ(49.2263, 50.3758, 54.6209)

Have a look what the booklet for
XYZ(49.2263, 50.3758, 54.6209)
contains.

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Color

**XYZ(49.1417, 50.3508,
54.7056)**

Conversions

Conversions Part 1

Format	Color
Hex	C3BABC
RGB	195, 186, 188
RGB Percent	76%, 73%, 74%
CMY	0.2353, 0.2706, 0.2627
CMYK	0.00, 0.05, 0.04, 0.24
HSL	347°, 7%, 75%
HSV	347°, 5%, 76%
XYZ	49.1417, 50.3508, 54.7056
YIQ	188.9190, 4.7220, 2.5300

Conversions

Conversions Part 2

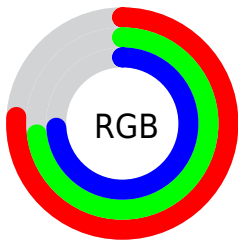
Format	Color
R _Y B	195, 186, 188
Decimal	12827324
CIE Lab	76.28, 3.53, 0.11
CIE LCh	76, 3.530, 1.852
Yxy	50.3508, 0.3187, 0.3265
Android (android.graphics.Color)	4291017404 (0xFFC3BABC)
YUV	188.9190, -0.4531, 5.3330
Hunter-Lab	70.9583, -0.5580, 3.9609

Details

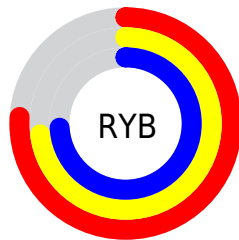
The XYZ color **49.1417, 50.3508, 54.7056** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.3924, 53.3209, 58.1434**, and the grayscale version is **48.3253, 50.8420, 55.3670**.

A 20% lighter version of the original color is **88.2261, 90.7314, 98.4508**, and **23.7452, 24.1870, 26.3387** is the 20% darker color. If you saturate the color by 10%, you get **43.7604, 42.0691, 45.2621**, and if you desaturate by 10%, it is **55.2585, 59.8269, 65.2439**.

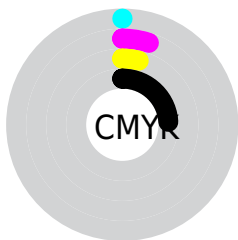
Distribution



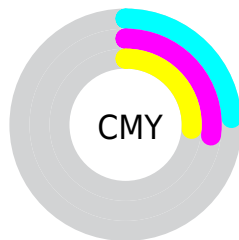
- Red (76%)
- Green (73%)
- Blue (74%)



- Red (76%)
- Yellow (73%)
- Blue (74%)



- Cyan (0%)
- Magenta (5%)
- Yellow (4%)
- Black (24%)



- Cyan (24%)
- Magenta (27%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.1417, 50.3508, 54.7056 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 49.1417, 50.3508, 54.7056 by changing the saturation by 10% instead.

■ 49.1417, 50.3508,
54.7056

■ 49.1417, 50.3508,
54.7056

373.8076,
388.0362, 422.0454

■ 34.9469, 35.6922,
38.7691

■ 88.1013, 90.6944,
98.5763

■ 23.7883, 24.1966,
26.2737

113.5969,
117.1482, 127.3475

■ 15.3005, 15.4795,
16.8009

143.5900,
148.3026, 161.2341

■ 9.1183, 9.1566,
9.9322

178.4462,
184.5419, 200.6545

■ 4.8761, 4.8435,
5.2490

218.5306,
226.2505, 246.0273

■ 2.2088, 2.1557,
2.3328

264.2088,

■ 0.7474, 0.6957,

273.8128, 297.7710

0.7495

315.8460,
327.6133, 356.3042

■ 0.0000, 0.0000,
0.0000

■ 49.1417, 50.3508,
54.7056

■ 49.1417, 50.3508,
54.7056

■ 43.7604, 42.0691,
45.2621

■ 55.2585, 59.8269,
65.2439

■ 39.0824, 34.9279,
36.8748

■ 62.1328, 70.5355,
76.9075

■ 35.0796, 28.8792,
29.5074

■ 69.7911, 82.5209,
89.7297

■ 31.7201, 23.8687,
23.1206

■ 75.3167, 89.9425,
102.7613

■ 28.9696, 19.8377,
17.6720

■ 76.3160, 90.3422,
108.0233

■ 26.7904, 16.7214,
13.1166

■ 25.1406, 14.4473,
9.4052

■ 23.9721, 12.9317,
6.4835

■ 23.2275, 12.0734,
4.2903

Harmonies

Analogous

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



48.9892, 50.3508, 56.5629



49.1417, 50.3508, 54.7056



48.9473, 50.3508, 52.9202

Triad

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



49.1417, 50.3508, 54.7056



47.1877, 50.3508, 51.7820



47.2584, 50.3508, 58.1042

Complementary

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



49.1417, 50.3508, 54.7056



49.3924, 53.3209, 58.1434

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.



46.7828, 50.3508, 56.7718



49.1417, 50.3508, 54.7056



46.7423, 50.3508, 53.1200

Square

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



49.1417, 50.3508, 54.7056



47.8158, 50.3508, 51.2567



46.5947, 50.3508, 54.9415



47.8981, 50.3508, 58.5520

Rectangle

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



49.1417, 50.3508, 54.7056



48.6483, 50.3508, 52.0036



46.5947, 50.3508, 54.9415



47.0742, 50.3508, 57.7434

Sweetspot

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



49.1431, 50.3530, 54.7067



91.8021, 96.0371, 104.5409



49.3777, 50.3846, 58.7531



20.1155, 21.0493, 22.9137



0.0000, 0.0000, 0.0000



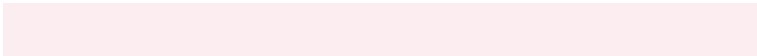
20.3446, 21.4041, 23.3091

Same Dimension

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



49.1431, 50.3530, 54.7067



86.5072, 87.8544, 95.3548



49.4390, 51.2868, 53.7507



10.5005, 10.6341, 11.5380



14.9407, 7.6660, 2.3336



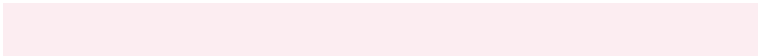
0.6723, 0.3419, 0.2418

Inverse Universe

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



49.1431, 50.3530, 54.7067



86.5072, 87.8544, 95.3548



49.0834, 52.3441, 59.1469



10.5005, 10.6341, 11.5380



14.9407, 7.6660, 2.3336



0.6723, 0.3419, 0.2418

Previews

White Background



This preview shows how the XYZ color 49.1417, 50.3508, 54.7056 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 49.1417, 50.3508, 54.7056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

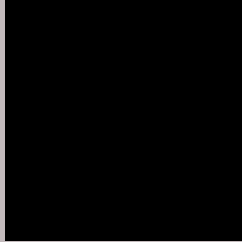
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

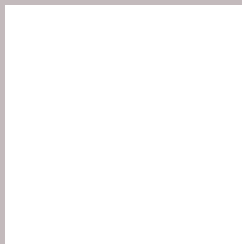
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.1417, 50.3508, 54.7056

Background



This preview shows how black text looks on a background with the XYZ color 49.1417, 50.3508, 54.7056.

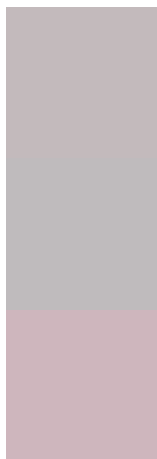


This preview shows how white text looks on a background with the XYZ color 49.1417, 50.3508,

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

49.1417, 50.3508, 54.7056

Protanopia

48.4415, 50.2911, 55.2981

Deuteranopia

51.3669, 50.2518, 55.1364



Tritanopia

50.4753, 50.2748, 61.0765

Trichromacy



Original Color

49.1417, 50.3508, 54.7056

Protanomaly

48.6939, 50.4212, 55.3099

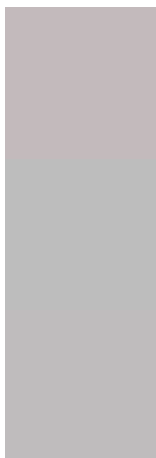
Deuteranomaly

50.4759, 50.0977, 55.1536

Tritanomaly

49.9642, 50.3738, 58.7195

Monochromacy



Original Color

49.1417, 50.3508, 54.7056

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.6544, 50.7169, 55.3691

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.1417, 50.3508, 54.7056 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(195, 186, 188)` looks like.

```
.text, #text, p{  
    color:rgb(195, 186, 188)  
}
```

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(195, 186, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 186, 188) }
```

Border

The CSS property to change the border of an element to XYZ 49.1417, 50.3508, 54.7056 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(195, 186, 188) }
```


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

```
.border{ border-color:rgb(195, 186, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 186, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 186, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 186, 188);  
box-shadow:4px 4px 4px 4px rgb(195, 186,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 49.1417, 50.3508, 54.7056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 186, 188) }
```

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

```
.background{ background-color: rgb(195,  
186, 188) }
```

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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