

Converting Colors

XYZ(44.4740, 48.9654, 54.6173)

Have a look what the booklet for
XYZ(44.4740, 48.9654, 54.6173)
contains.

XYZ(44.5083, 48.9103, 54.6717)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(44.5083, 48.9103,
54.6717)**

Conversions

Conversions Part 1

Format	Color
Hex	ADBDBC
RGB	173, 189, 188
RGB Percent	68%, 74%, 74%
CMY	0.3216, 0.2588, 0.2627
CMYK	0.08, 0.00, 0.01, 0.26
HSL	176°, 11%, 71%
HSV	176°, 8%, 74%
XYZ	44.5083, 48.9103, 54.6717
YIQ	184.1020, -9.2150, -3.7030

Conversions

Conversions Part 2

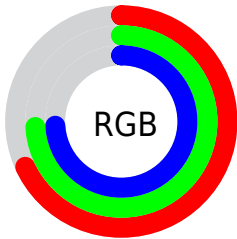
Format	Color
R _Y B	173, 181, 189
Decimal	11386300
CIE Lab	75.40, -5.67, -1.39
CIE LCh	75, 5.839, 193.721
Yxy	48.9103, 0.3005, 0.3303
Android (android.graphics.Color)	4289576380 (0xFFADBDBC)
YUV	184.1020, 1.9217, -9.7365
Hunter-Lab	69.9359, -8.7876, 2.6058

Details

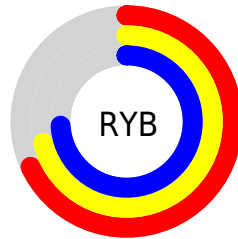
The XYZ color **44.5083, 48.9103, 54.6717** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.5717, 43.7633, 46.1975**, and the grayscale version is **45.6108, 47.9862, 52.2569**.

A 20% lighter version of the original color is **80.9765, 88.3304, 98.3695**, and **21.0625, 23.4225, 26.3326** is the 20% darker color. If you saturate the color by 10%, you get **40.4942, 46.8570, 53.8209**, and if you desaturate by 10%, it is **49.1175, 51.2729, 55.5579**.

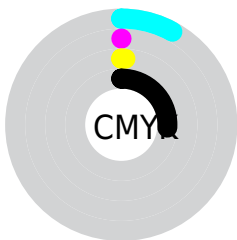
Distribution



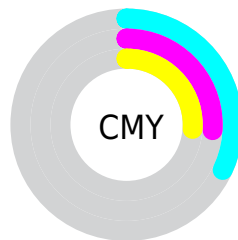
- Red (68%)
- Green (74%)
- Blue (74%)



- Red (68%)
- Yellow (71%)
- Blue (74%)



- Cyan (8%)
- Magenta (0%)
- Yellow (1%)
- Black (26%)



- Cyan (32%)
- Magenta (26%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.5083, 48.9103, 54.6717 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 44.5083, 48.9103, 54.6717 by changing the saturation by 10% instead.

■ 44.5083, 48.9103,
54.6717

■ 44.5083, 48.9103,
54.6717

355.5958,
382.3891, 421.9131

■ 31.2699, 34.5483,
38.7421

■ 81.2237, 88.5582,
98.5261

■ 20.9573, 23.3152,
26.2529

105.4314,
114.6129, 127.2880

■ 13.2051, 14.8264,
16.7855

134.0263,
145.3341, 161.1644

■ 7.6479, 8.6976,
9.9213

167.3737,
181.1059, 200.5739

■ 3.9204, 4.5445,
5.2419

205.8390,
222.3130, 245.9349

■ 1.6572, 1.9826,
2.3287

249.7876,

■ 0.4292, 0.5973,

269.3396, 297.6661

0.7472

299.5847,
322.5702, 356.1860

■ 0.0000, 0.0000,
0.0000

■ 44.5083, 48.9103,
54.6717

■ 44.5083, 48.9103,
54.6717

■ 40.4942, 46.8570,
53.8209

■ 49.1175, 51.2729,
55.5579

■ 37.0464, 45.0941,
53.0010

■ 54.3408, 53.9507,
56.4773

■ 34.1397, 43.6101,
52.2118

■ 60.2016, 56.9570,
57.4321

■ 31.7456, 42.3903,
51.4521

■ 66.7208, 60.3026,
58.4231

■ 29.8330, 41.4185,
50.7204

■ 69.1677, 61.5487,
59.2291

■ 28.3674, 40.6771,
50.0150

■ 69.3012, 61.6021,
59.9324

■ 27.3095, 40.1457,
49.3340

■ 69.4358, 61.6560,
60.6413

■ 26.6136, 39.8008,
48.6754

■ 69.5715, 61.7102,
61.3558

■ 26.2045, 39.6036,
48.0356

■ 69.7083, 61.7649,
62.0759

Harmonies

Analogous

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



44.5315, 48.9103, 51.6126



44.5083, 48.9103, 54.6717



45.0097, 48.9103, 57.4526

Triad

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



44.5083, 48.9103, 54.6717



47.9312, 48.9103, 57.6494



47.0697, 48.9103, 47.7717

Complementary

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



44.5083, 48.9103, 54.6717



43.5717, 43.7633, 46.1975

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.



47.9979, 48.9103, 49.2670



44.5083, 48.9103, 54.6717



48.5005, 48.9103, 54.9319

Square

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



44.5083, 48.9103, 54.6717



46.9798, 48.9103, 59.2160



48.5251, 48.9103, 51.8630



45.9991, 48.9103, 47.7081

Rectangle

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



44.5083, 48.9103, 54.6717



45.5785, 48.9103, 58.7419



48.5251, 48.9103, 51.8630



47.4090, 48.9103, 48.1209

Sweetspot

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



44.5097, 48.9124, 54.6728



84.0502, 89.8193, 98.7656



43.2123, 48.4208, 46.6046



17.9314, 19.2419, 21.2116



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



44.5097, 48.9124, 54.6728



78.4219, 86.9366, 97.6516



43.1620, 46.0432, 54.7589



9.7821, 10.7989, 12.1018



17.6043, 26.6320, 32.3087



0.6975, 1.0464, 1.3071

Inverse Universe

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



43.5717, 43.7633, 46.1975



76.4290, 75.9972, 79.6457



44.8387, 46.4533, 46.1391



9.5538, 9.5458, 10.0392



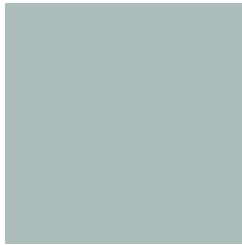
14.1745, 7.3010, 0.9467



0.5636, 0.2893, 0.0812

Previews

White Background



This preview shows how the XYZ color 44.5083, 48.9103, 54.6717 looks on a white background.

Color Contrast Check

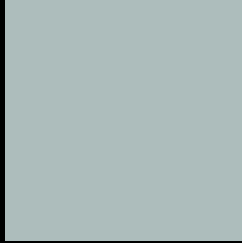
Large Text (above 18pt) WCAG AA × Fail

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 44.5083, 48.9103, 54.6717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

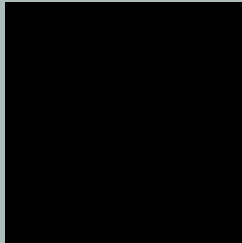
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

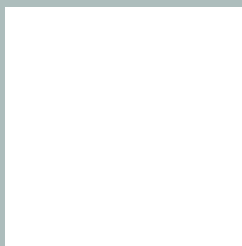
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.5083, 48.9103, 54.6717

Background



This preview shows how black text looks on a background with the XYZ color 44.5083, 48.9103, 54.6717.

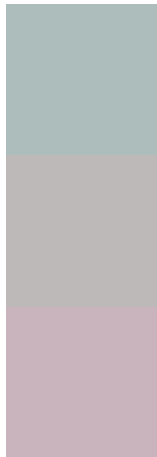


This preview shows how white text looks on a background with the XYZ color 44.5083, 48.9103,

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

44.5083, 48.9103, 54.6717

Protanopia

47.0922, 49.0195, 52.8786

Deuteranopia

49.7029, 48.7777, 55.5106



Tritanopia

46.1102, 48.9189, 62.8891

Trichromacy



Original Color

44.5083, 48.9103, 54.6717

Protanomaly

45.9503, 48.7303, 53.4384

Deuteranomaly

47.6047, 48.6175, 55.0192

Tritanomaly

45.5168, 48.9963, 59.8816

Monochromacy



Original Color

44.5083, 48.9103, 54.6717

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

45.1383, 48.3239, 52.8473

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.5083, 48.9103, 54.6717 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(173, 189, 188)` looks like.

```
.text, #text, p{  
    color:rgb(173, 189, 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(173, 189, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 189, 188) }
```

Border

The CSS property to change the border of an element to XYZ 44.5083, 48.9103, 54.6717 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(173, 189, 188) }
```


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

```
.border{ border-color:rgb(173, 189, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 189, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 189, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 189, 188); box-shadow:4px 4px 4px 4px rgb(173, 189, 188) }
```

Background

The CSS property to change the background color of an element to XYZ 44.5083, 48.9103, 54.6717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 189, 188) }
```

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

```
.background{ background-color: rgb(173,  
189, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor