

Converting Colors

XYZ(44.5137, 38.9864, 43.6891)

Have a look what the booklet for
XYZ(44.5137, 38.9864, 43.6891)
contains.

XYZ(44.4740, 38.9881, 43.7095)	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(44.4740, 38.9881,
43.7095)**

Conversions

Conversions Part 1

Format	Color
Hex	CF99AB
RGB	207, 153, 171
RGB Percent	81%, 60%, 67%
CMY	0.1882, 0.4000, 0.3294
CMYK	0.00, 0.26, 0.17, 0.19
HSL	340°, 36%, 71%
HSV	340°, 26%, 81%
XYZ	44.4740, 38.9881, 43.7095
YIQ	171.1980, 26.4060, 17.0460

Conversions

Conversions Part 2

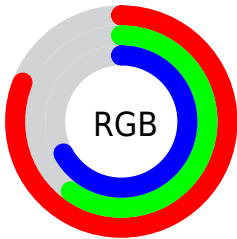
Format	Color
RYB	207, 153, 171
Decimal	13605291
CIELab	68.74, 22.90, -1.43
CIELCh	69, 22.948, 356.429
Yxy	38.9881, 0.3497, 0.3066
Android (android.graphics.Color)	4291795371 (0xFFCF99AB)
YUV	171.1980, -0.0976, 31.3984
Hunter-Lab	62.4405, 17.8681, 2.2042

Details

The XYZ color **44.4740, 38.9881, 43.7095** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.6365, 55.0730, 56.4242**, and the grayscale version is **38.8002, 40.8209, 44.4539**.

A 20% lighter version of the original color is **77.5233, 71.8627, 81.7365**, and **20.9323, 17.3147, 19.6916** is the 20% darker color. If you saturate the color by 10%, you get **40.1278, 32.2920, 36.1059**, and if you desaturate by 10%, it is **49.5475, 46.9182, 52.2341**.

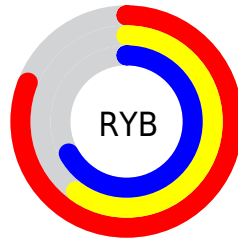
Distribution



Red (81%)

Green (60%)

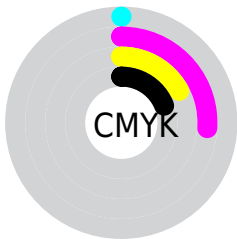
Blue (67%)



Red (81%)

Yellow (60%)

Blue (67%)

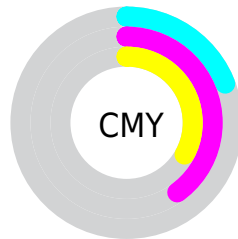


Cyan (0%)

Magenta (26%)

Yellow (17%)

Black (19%)



Cyan (19%)


Magenta (40%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.4740, 38.9881, 43.7095 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 44.4740, 38.9881, 43.7095 by changing the saturation by 10% instead.


 44.4740, 38.9881,
43.7095


 44.4740, 38.9881,
43.7095


355.4587,
341.8399, 377.5281

 31.2428, 26.7505,
30.1067


 81.1725, 73.6201,
82.0782

 20.9366, 17.3859,
19.6668


 105.3705, 96.7833,
107.6812

 13.1898, 10.5100,
11.9714


133.9548,
124.3572, 138.1214

 7.6373, 5.7384,
6.6019

167.2908,
156.7261, 173.8172

 3.9136, 2.6867,
3.1398

205.7438,
194.2744, 215.1872

 1.6534, 0.9704,
1.1664

249.6793,

 0.4268, 0.0000,

237.3865, 262.6501

0.0000

299.4624,
286.4469, 316.6242

■ 0.0000, 0.0000,
0.0000

■ 44.4740, 38.9881,
43.7095

■ 44.4740, 38.9881,
43.7095

■ 40.1278, 32.2920,
36.1059

■ 49.5475, 46.9182,
52.2341

■ 36.4712, 26.7621,
29.3888

■ 55.3771, 56.1347,
61.7079

■ 33.4676, 22.3323,
23.5246

■ 61.9942, 66.6938,
72.1606

■ 31.0759, 18.9277,
18.4767

■ 69.4273, 78.6465,
83.6201

■ 29.2499, 16.4638,
14.2056

■ 77.2213, 91.0771,
95.9523

■ 27.9364, 14.8425,
10.6674

■ 79.3507, 91.9289,
107.1657

■ 27.0696, 13.9412,
7.8126

■ 79.5423, 92.0055,
108.1743

■ 26.8062, 13.6950,
6.8593

Harmonies

Analogous

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



43.1863, 38.9881, 54.5007



44.4740, 38.9881, 43.7095



43.6698, 38.9881, 34.1564

Triad

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



44.4740, 38.9881, 43.7095



34.0345, 38.9881, 26.9406



33.3275, 38.9881, 61.3937

Complementary

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



44.4740, 38.9881, 43.7095



44.6365, 55.0730, 56.4242

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.



31.1479, 38.9881, 51.9912



44.4740, 38.9881, 43.7095



31.5370, 38.9881, 32.3234

Square

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



44.4740, 38.9881, 43.7095



37.4937, 38.9881, 25.4536



30.5142, 38.9881, 41.2177



36.6237, 38.9881, 65.7081

Rectangle

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



44.4740, 38.9881, 43.7095



42.0824, 38.9881, 29.5457



30.5142, 38.9881, 41.2177



32.4485, 38.9881, 58.6554

Sweetspot

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



44.4751, 38.9899, 43.7103



86.7708, 86.8226, 95.7171



43.6414, 38.1082, 64.0873



18.2591, 18.0869, 19.9814



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.



44.4751, 38.9899, 43.7103



67.4513, 56.5694, 63.4252



44.4035, 41.4077, 35.7913



11.9689, 11.8723, 13.1122



16.9285, 8.6442, 4.5295



0.9831, 0.4979, 0.4456

Inverse Universe

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



44.4751, 38.9899, 43.7103



67.4513, 56.5694, 63.4252



44.5947, 51.6665, 66.6541



11.9689, 11.8723, 13.1122



16.9285, 8.6442, 4.5295



0.9831, 0.4979, 0.4456

Previews

White Background



This preview shows how the XYZ color 44.4740, 38.9881, 43.7095 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 44.4740, 38.9881, 43.7095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

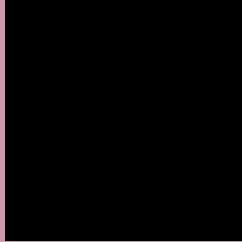
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.4740, 38.9881, 43.7095

Background



This preview shows how black text looks on a background with the XYZ color 44.4740, 38.9881, 43.7095.



This preview shows how white text looks on a background with the XYZ color 44.4740, 38.9881,

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

44.4740, 38.9881, 43.7095

Protanopia

38.1038, 39.2169, 48.2092

Deuteranopia

40.0258, 39.2493, 43.0024



Tritanopia

43.8921, 38.9862, 41.2881

Trichromacy



Original Color

44.4740, 38.9881, 43.7095

Protanomaly

40.0482, 38.9203, 46.4759

Deuteranomaly

41.3921, 38.9050, 43.3580

Tritanomaly

44.0771, 39.0602, 42.2620

Monochromacy



Original Color

44.4740, 38.9881, 43.7095

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

40.3933, 39.6815, 44.0584

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4740, 38.9881, 43.7095 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(207, 153, 171)` looks like.

```
.text, #text, p{  
    color:rgb(207, 153, 171)  
}
```

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(207, 153, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 153, 171) }
```

Border

The CSS property to change the border of an element to XYZ 44.4740, 38.9881, 43.7095 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(207, 153, 171) }
```


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

```
.border{ border-color:rgb(207, 153, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 153, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 153, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 153, 171);  
box-shadow:4px 4px 4px 4px rgb(207, 153,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4740, 38.9881, 43.7095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 153, 171) }
```

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

```
.background{ background-color: rgb(207,  
153, 171) }
```

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