

Converting Colors

XYZ(44.4955, 43.3116, 68.0709)

Have a look what the booklet for
XYZ(44.4955, 43.3116, 68.0709)
contains.

XYZ(44.3511, 43.1094, 68.2707)	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(44.3511, 43.1094,
68.2707)**

Conversions

Conversions Part 1

Format	Color
Hex	B0ABD4
RGB	176, 171, 212
RGB Percent	69%, 67%, 83%
CMY	0.3098, 0.3294, 0.1686
CMYK	0.17, 0.19, 0.00, 0.17
HSL	247°, 32%, 75%
HSV	247°, 19%, 83%
XYZ	44.3511, 43.1094, 68.2707
YIQ	177.1690, -10.1810, 13.8110

Conversions

Conversions Part 2

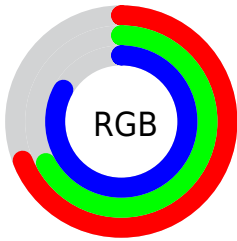
Format	Color
RYB	176, 171, 212
Decimal	11578324
CIELab	71.63, 10.10, -20.10
CIELCh	72, 22.493, 296.692
Yxy	43.1094, 0.2848, 0.2768
Android (android.graphics.Color)	4289768404 (0xFFB0ABD4)
YUV	177.1690, 17.1717, -1.0252
Hunter-Lab	65.6577, 5.6738, -15.6891

Details

The XYZ color **44.3511, 43.1094, 68.2707** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **56.6276, 63.2936, 47.7623**, and the grayscale version is **41.7963, 43.9729, 47.8865**.

A 20% lighter version of the original color is **78.5251, 78.7685, 105.6729**, and **20.8510, 19.8389, 34.6286** is the 20% darker color. If you saturate the color by 10%, you get **36.7391, 33.7107, 66.8585**, and if you desaturate by 10%, it is **53.1852, 54.0937, 69.9260**.

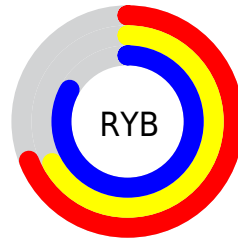
Distribution



Red (69%)

Green (67%)

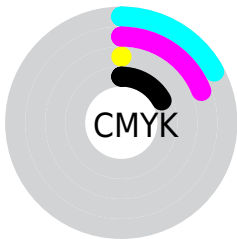
Blue (83%)



Red (69%)

Yellow (67%)

Blue (83%)

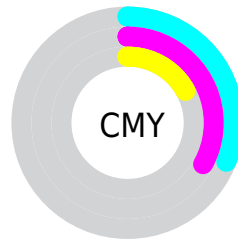


Cyan (17%)

Magenta (19%)

Yellow (0%)

Black (17%)



Cyan (31%)

Magenta (33%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.3511, 43.1094, 68.2707 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 44.3511, 43.1094, 68.2707 by changing the saturation by 10% instead.

■ 44.3511, 43.1094,
68.2707

■ 44.3511, 43.1094,
68.2707

354.9672,
359.0615, 473.0786

■ 31.1457, 29.9710,
49.6499

■ 80.9889, 79.8759,
118.3972

■ 20.8622, 19.8165,
34.7661

105.1520,
104.2728, 150.7400

■ 13.1352, 12.2618,
23.2006

133.6984,
133.1913, 188.4939

■ 7.5994, 6.9222,
14.5350

166.9934,
167.0157, 232.0774

■ 3.8893, 3.4135,
8.3507

205.4025,
206.1306, 281.9091

■ 1.6397, 1.3512,
4.2292

249.2909,

■ 0.4181, 0.1804,

250.9203, 338.4075

1.7519

299.0240,
301.7691, 401.9912

■ 0.0000, 0.0000,
0.3959

■ 0.0000, 0.0000,
0.0000

■ 44.3511, 43.1094,
68.2707

■ 44.3511, 43.1094,
68.2707

■ 36.7391, 33.7107,
66.8585

■ 53.1852, 54.0937,
69.9260

■ 30.2913, 25.8191,
65.6751

■ 63.2880, 66.7266,
71.8319

■ 24.9511, 19.3575,
64.7093

■ 74.7084, 81.0742,
73.9993

■ 20.6555, 14.2397,
63.9479

■ 87.2345, 96.6833,
76.3520

■ 17.3350, 10.3701,
63.3760

■ 88.8838, 97.5335,
76.4292

■ 14.9117, 7.6407,
62.9769

■ 13.2954, 5.9244,
62.7308

■ 12.3531, 5.0181,
62.6055

■ 12.3059, 4.9711,
62.5989

Harmonies

Analogous

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



40.5533, 43.1094, 71.1329



44.3511, 43.1094, 68.2707



47.4014, 43.1094, 59.4179

Triad

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



44.3511, 43.1094, 68.2707



45.1268, 43.1094, 31.5078



34.0921, 43.1094, 45.7395

Complementary

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



44.3511, 43.1094, 68.2707



56.6276, 63.2936, 47.7623

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.



35.1560, 43.1094, 36.3421



44.3511, 43.1094, 68.2707



41.3980, 43.1094, 28.9661

Square

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



44.3511, 43.1094, 68.2707



47.8683, 43.1094, 38.1375



37.7732, 43.1094, 30.5895



34.7760, 43.1094, 56.9997

Rectangle

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



44.3511, 43.1094, 68.2707



48.5185, 43.1094, 51.9317



37.7732, 43.1094, 30.5895



34.2555, 43.1094, 42.2767

Sweetspot

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



44.3525, 43.1112, 68.2717



85.5908, 88.1641, 107.1140



51.0449, 58.1432, 70.8204



18.1089, 18.6071, 22.8870



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.



44.3525, 43.1112, 68.2717



62.6342, 59.6249, 102.8153



49.2867, 45.6549, 68.5026



11.8819, 12.0805, 15.6430



7.6421, 3.0921, 38.6472



0.5087, 0.2111, 2.3332

Inverse Universe

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



52.9781, 47.6296, 65.4343



77.9789, 67.6659, 97.6353



51.3197, 60.5573, 47.5139



12.8848, 12.6054, 15.3336



22.2685, 10.8437, 29.7818



1.3619, 0.6615, 1.8951

Previews

White Background



This preview shows how the XYZ color 44.3511, 43.1094, 68.2707 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 44.3511, 43.1094, 68.2707 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 44.3511, 43.1094, 68.2707

Background



This preview shows how black text looks on a background with the XYZ color 44.3511, 43.1094, 68.2707.



This preview shows how white text looks on a background with the XYZ color 44.3511, 43.1094,

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

44.3511, 43.1094, 68.2707

Protanopia

42.9995, 43.2341, 69.6970

Deuteranopia

44.0917, 43.2572, 68.3129



Tritanopia

41.5285, 43.1047, 54.2754

Trichromacy



Original Color

44.3511, 43.1094, 68.2707

Protanomaly

43.5314, 43.2373, 69.0021

Deuteranomaly

44.3154, 43.3725, 68.3234

Tritanomaly

42.4477, 43.1876, 58.9221

Monochromacy



Original Color

44.3511, 43.1094, 68.2707

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.7557, 43.7248, 54.9015

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.3511, 43.1094, 68.2707 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(176, 171, 212)` looks like.

```
.text, #text, p{  
    color:rgb(176, 171, 212)  
}
```

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(176, 171, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 171, 212) }
```

Border

The CSS property to change the border of an element to XYZ 44.3511, 43.1094, 68.2707 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(176, 171, 212) }
```


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

```
.border{ border-color:rgb(176, 171, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 171, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 171, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 171, 212);  
box-shadow:4px 4px 4px 4px rgb(176, 171,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 44.3511, 43.1094, 68.2707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 171, 212) }
```

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

```
.background{ background-color: rgb(176,  
171, 212) }
```

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