

Converting Colors

XYZ(44.0985, 43.1846, 58.3379)

Have a look what the booklet for
XYZ(44.0985, 43.1846, 58.3379)
contains.

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Color

**XYZ(44.0552, 43.1786,
58.2369)**

Conversions

Conversions Part 1

Format	Color
Hex	B7ABC4
RGB	183, 171, 196
RGB Percent	72%, 67%, 77%
CMY	0.2823, 0.3294, 0.2314
CMYK	0.07, 0.13, 0.00, 0.23
HSL	269°, 17%, 72%
HSV	269°, 13%, 77%
XYZ	44.0552, 43.1786, 58.2369
YIQ	177.4380, -0.8730, 10.3190

Conversions

Conversions Part 2

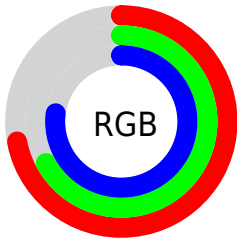
Format	Color
R_{YB}	183, 171, 196
Decimal	12037060
CIE _{Lab}	71.68, 9.04, -11.18
CIE _{LCh}	72, 14.377, 308.948
Yxy	43.1786, 0.3028, 0.2968
Android (android.graphics.Color)	4290227140 (0xFFB7ABC4)
YUV	177.4380, 9.1511, 4.8779
Hunter-Lab	65.7104, 4.6811, -6.5494

Details

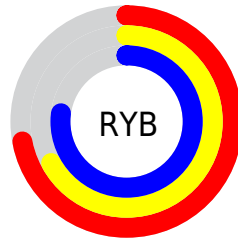
The XYZ color **44.0552, 43.1786, 58.2369** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **46.8592, 52.6115, 46.2154**, and the grayscale version is **41.9750, 44.1610, 48.0913**.

A 20% lighter version of the original color is **80.5226, 79.8353, 104.0943**, and **20.6852, 19.8925, 28.3406** is the 20% darker color. If you saturate the color by 10%, you get **38.2871, 35.1115, 56.9845**, and if you desaturate by 10%, it is **50.5505, 52.4378, 59.6824**.

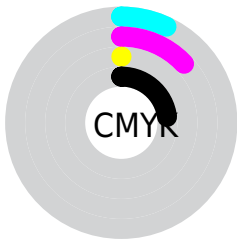
Distribution



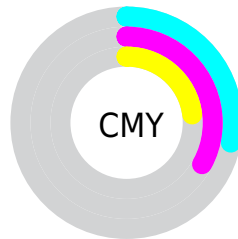
- Red (72%)
- Green (67%)
- Blue (77%)



- Red (72%)
- Yellow (67%)
- Blue (77%)



- Cyan (7%)
- Magenta (13%)
- Yellow (0%)
- Black (23%)



- Cyan (28%)
- Magenta (33%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.0552, 43.1786, 58.2369 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 44.0552, 43.1786, 58.2369 by changing the saturation by 10% instead.

■ 44.0552, 43.1786,
58.2369

■ 44.0552, 43.1786,
58.2369

353.7819,
359.3457, 435.6910

■ 30.9120, 30.0253,
41.5832

■ 80.5466, 79.9803,
103.7859

■ 20.6833, 19.8578,
28.4519

104.6256,
104.3975, 133.5183

■ 13.0039, 12.2917,
18.4246

133.0805,
133.3380, 168.4474

■ 7.5082, 6.9427,
11.0827

166.2767,
167.1864, 208.9916

■ 3.8311, 3.4263,
6.0076

204.5796,
206.3270, 255.5695

■ 1.6070, 1.3581,
2.7808

248.3545,

■ 0.3970, 0.1855,

251.1441, 308.5997

0.9838

297.9668,
302.0222, 368.5007

■ 0.0000, 0.0000,
0.0000

■ 44.0552, 43.1786,
58.2369

■ 44.0552, 43.1786,
58.2369

■ 38.2871, 35.1115,
56.9845

■ 50.5505, 52.4378,
59.6824

■ 33.2145, 28.1811,
55.9141

■ 57.7952, 62.9306,
61.3259

■ 28.8090, 22.3353,
55.0180

■ 65.8154, 74.7034,
63.1756

■ 25.0386, 17.5161,
54.2865

■ 74.6348, 87.7983,
65.2383

■ 21.8684, 13.6598,
53.7092

■ 79.6442, 92.9921,
65.9768

■ 19.2597, 10.6950,
53.2745

■ 83.0870, 94.7669,
66.1379

■ 17.1684, 8.5404,
52.9688

■ 86.7254, 96.6426,
66.3082

■ 15.5422, 7.0985,
52.7762

■ 86.9639, 96.7656,
66.3194

■ 14.5877, 6.3692,
52.6857

Harmonies

Analogous

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



41.7728, 43.1786, 61.5485



44.0552, 43.1786, 58.2369



45.5681, 43.1786, 51.9990

Triad

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



44.0552, 43.1786, 58.2369



42.7455, 43.1786, 35.5739



36.5849, 43.1786, 49.1316

Complementary

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



44.0552, 43.1786, 58.2369



46.8592, 52.6115, 46.2154

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.



36.8222, 43.1786, 42.3585



44.0552, 43.1786, 58.2369



40.3158, 43.1786, 34.9695

Square

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



44.0552, 43.1786, 58.2369



44.7914, 43.1786, 39.0761



38.1655, 43.1786, 37.3346



37.5041, 43.1786, 55.9605

Rectangle

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



44.0552, 43.1786, 58.2369



45.9033, 43.1786, 47.2608



38.1655, 43.1786, 37.3346



36.5329, 43.1786, 46.7684

Sweetspot

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



44.0565, 43.1804, 58.2378



89.9573, 92.6717, 107.7539



43.9697, 47.0646, 58.9921



19.0549, 19.5494, 23.0191



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.



44.0565, 43.1804, 58.2378



77.0953, 74.3976, 104.9046



47.0767, 44.7374, 58.3792



9.9780, 9.9798, 12.6852



9.4714, 4.1431, 33.8571



0.4888, 0.2200, 1.4666

Inverse Universe

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



45.9810, 44.3241, 51.4812



81.2221, 76.8504, 90.3989



44.0688, 51.1730, 46.0848



10.2870, 10.1634, 11.6020



16.2099, 8.1737, 9.0173



0.7351, 0.3670, 0.5723

Previews

White Background



This preview shows how the XYZ color 44.0552, 43.1786, 58.2369 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 44.0552, 43.1786, 58.2369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

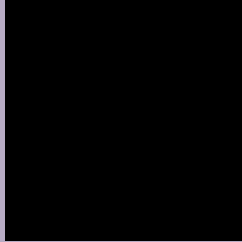
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.0552, 43.1786, 58.2369

Background



This preview shows how black text looks on a background with the XYZ color 44.0552, 43.1786, 58.2369.



This preview shows how white text looks on a background with the XYZ color 44.0552, 43.1786,

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

44.0552, 43.1786, 58.2369

Protanopia

42.3424, 43.1200, 59.5174

Deuteranopia

44.0552, 43.1786, 58.2369



Tritanopia

42.8626, 43.2561, 52.5445

Trichromacy



Original Color

44.0552, 43.1786, 58.2369

Protanomaly

42.9261, 43.1485, 58.8894

Deuteranomaly

44.0552, 43.1786, 58.2369

Tritanomaly

43.3382, 43.1678, 54.7633

Monochromacy



Original Color

44.0552, 43.1786, 58.2369

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.5721, 43.7043, 51.5394

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.0552, 43.1786, 58.2369 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(183, 171, 196)` looks like.

```
.text, #text, p{  
    color:rgb(183, 171, 196)  
}
```

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(183, 171, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 171, 196) }
```

Border

The CSS property to change the border of an element to XYZ 44.0552, 43.1786, 58.2369 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(183, 171, 196) }
```


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

```
.border{ border-color:rgb(183, 171, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 171, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 171, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 171, 196);  
box-shadow:4px 4px 4px 4px rgb(183, 171,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 44.0552, 43.1786, 58.2369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 171, 196) }
```

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

```
.background{ background-color: rgb(183,  
171, 196) }
```

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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