

Converting Colors

XYZ(39.5890, 38.6785, 46.4616)

Have a look what the booklet for
XYZ(39.5890, 38.6785, 46.4616)
contains.

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Color

**XYZ(39.5792, 38.6785,
46.4540)**

Conversions

Conversions Part 1

Format	Color
Hex	B4A2B0
RGB	180, 162, 176
RGB Percent	71%, 64%, 69%
CMY	0.2941, 0.3647, 0.3098
CMYK	0.00, 0.10, 0.02, 0.29
HSL	313°, 11%, 67%
HSV	313°, 10%, 71%
XYZ	39.5792, 38.6785, 46.4540
YIQ	168.9780, 6.2340, 8.1700

Conversions

Conversions Part 2

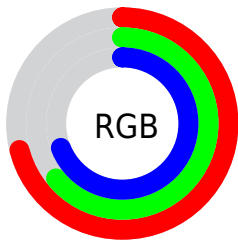
Format	Color
RYB	180, 162, 176
Decimal	11838128
CIELab	68.52, 9.08, -4.84
CIELCh	69, 10.286, 331.916
Yxy	38.6785, 0.3174, 0.3101
Android (android.graphics.Color)	4290028208 (0xFFB4A2B0)
YUV	168.9780, 3.4618, 9.6663
Hunter-Lab	62.1920, 4.7619, -0.7519

Details

The XYZ color **39.5792, 38.6785, 46.4540** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.1059, 43.0781, 42.3849**, and the grayscale version is **37.6834, 39.6458, 43.1743**.

A 20% lighter version of the original color is **73.9704, 73.2848, 86.5906**, and **17.9664, 17.1191, 21.4262** is the 20% darker color. If you saturate the color by 10%, you get **36.2430, 32.6297, 43.4179**, and if you desaturate by 10%, it is **43.3832, 45.6430, 49.7045**.

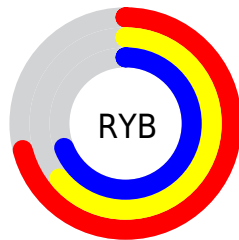
Distribution



Red (71%)

Green (64%)

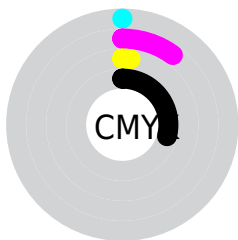
Blue (69%)



Red (71%)

Yellow (64%)

Blue (69%)

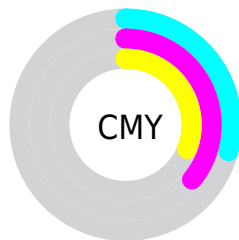


Cyan (0%)

Magenta (10%)

Yellow (2%)

Black (29%)



Cyan (29%)

Magenta (36%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.5792, 38.6785, 46.4540 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 39.5792, 38.6785, 46.4540 by changing the saturation by 10% instead.

■ 39.5792, 38.6785,
46.4540

■ 39.5792, 38.6785,
46.4540

335.5117,
340.5217, 388.9614

■ 27.3934, 26.5097,
32.2530

■ 73.8107, 73.1469,
86.2395

■ 18.0070, 17.2053,
21.2884

■ 96.5871, 96.2153,
112.6610

■ 11.0547, 10.3810,
13.1417

123.6244,
123.6858, 143.9931

■ 6.1712, 5.6523,
7.3943

155.2879,
155.9426, 180.6544

■ 2.9911, 2.6348,
3.6277

191.9431,
193.3702, 223.0633

■ 1.1491, 0.9442,
1.4234

233.9552,

■ 0.0656, 0.0000,

236.3530, 271.6384

0.1599

281.6896,
285.2753, 326.7982

0.0000, 0.0000,
0.0000

39.5792, 38.6785,
46.4540

39.5792, 38.6785,
46.4540

36.2430, 32.6297,
43.4179

43.3832, 45.6430,
49.7045

33.3519, 27.4533,
40.5869

47.6697, 53.5544,
53.1734

30.8864, 23.1097,
37.9543

52.4571, 62.4484,
56.8678

28.8242, 19.5544,
35.5122

57.7617, 72.3576,
60.7935

27.1408, 16.7388,
33.2519

63.5989, 83.3129,
64.9563

■ 25.8093, 14.6090,
31.1640

■ 65.0086, 85.3938,
67.7032

■ 24.7987, 13.1034,
29.2376

■ 65.4825, 85.5834,
70.1985

■ 24.0727, 12.1496,
27.4602

■ 65.9687, 85.7778,
72.7587

■ 23.5560, 11.5968,
25.8059

■ 66.4673, 85.9773,
75.3843

Harmonies

Analogous

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



38.4338, 38.6785, 50.1473



39.5792, 38.6785, 46.4540



39.9638, 38.6785, 41.8169

Triad

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



39.5792, 38.6785, 46.4540



36.6588, 38.6785, 33.8148



34.1823, 38.6785, 47.0074

Complementary

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



39.5792, 38.6785, 46.4540



38.1059, 43.0781, 42.3849

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.



33.7374, 38.6785, 42.4131



39.5792, 38.6785, 46.4540



35.1409, 38.6785, 34.9885

Square

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



39.5792, 38.6785, 46.4540



38.2484, 38.6785, 34.7257



34.0832, 38.6785, 38.0537



35.3161, 38.6785, 50.4830

Rectangle

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



39.5792, 38.6785, 46.4540



39.7282, 38.6785, 38.8725



34.0832, 38.6785, 38.0537



33.9487, 38.6785, 45.5315

Sweetspot

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



39.5803, 38.6802, 46.4548



76.4652, 78.7255, 88.2830



36.8650, 37.2340, 48.4246



16.4054, 16.7926, 18.9782



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



39.5803, 38.6802, 46.4548



70.3596, 67.5733, 82.9833



38.7283, 38.3394, 41.9683



8.7676, 8.6138, 10.2745



16.4663, 8.1041, 18.1474



0.5381, 0.2630, 0.6764

Inverse Universe

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



39.5803, 38.6802, 46.4548



70.3596, 67.5733, 82.9833



38.9509, 43.4161, 46.8342



8.7676, 8.6138, 10.2745



16.4663, 8.1041, 18.1474



0.5381, 0.2630, 0.6764

Previews

White Background



This preview shows how the XYZ color 39.5792, 38.6785, 46.4540 looks on a white background.

Color Contrast Check

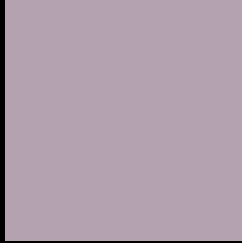
Large Text (above 18pt) WCAG AA × Fail

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 39.5792, 38.6785, 46.4540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

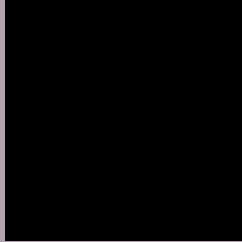
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.5792, 38.6785, 46.4540

Background



This preview shows how black text looks on a background with the XYZ color 39.5792, 38.6785, 46.4540.



This preview shows how white text looks on a background with the XYZ color 39.5792, 38.6785,

46.4540.

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

39.5792, 38.6785, 46.4540

Protanopia

37.7093, 38.7426, 48.1384

Deuteranopia

39.3472, 38.5590, 46.4431



Tritanopia

39.4806, 38.6391, 45.9347

Trichromacy



Original Color

39.5792, 38.6785, 46.4540

Protanomaly

38.5043, 38.8953, 47.5976

Deuteranomaly

39.3472, 38.5590, 46.4431

Tritanomaly

39.4806, 38.6391, 45.9347

Monochromacy



Original Color

39.5792, 38.6785, 46.4540

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.3162, 39.1352, 44.5641

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5792, 38.6785, 46.4540 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(180, 162, 176)` looks like.

```
.text, #text, p{  
    color:rgb(180, 162, 176)  
}
```

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(180, 162, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 162, 176) }
```

Border

The CSS property to change the border of an element to XYZ 39.5792, 38.6785, 46.4540 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(180, 162, 176) }
```


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

```
.border{ border-color:rgb(180, 162, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 162, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 162, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 162, 176);  
box-shadow:4px 4px 4px 4px rgb(180, 162,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5792, 38.6785, 46.4540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 162, 176) }
```

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

```
.background{ background-color: rgb(180,  
162, 176) }
```

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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