

Converting Colors

XYZ(39.8620, 43.5798, 46.5299)

Have a look what the booklet for
XYZ(39.8620, 43.5798, 46.5299)
contains.

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Color

**XYZ(39.9085, 43.6210,
46.3607)**

Conversions

Conversions Part 1

Format	Color
Hex	A8B3AE
RGB	168, 179, 174
RGB Percent	66%, 70%, 68%
CMY	0.3412, 0.2980, 0.3176
CMYK	0.06, 0.00, 0.03, 0.30
HSL	153°, 7%, 68%
HSV	153°, 6%, 70%
XYZ	39.9085, 43.6210, 46.3607
YIQ	175.1410, -4.9510, -3.8870

Conversions

Conversions Part 2

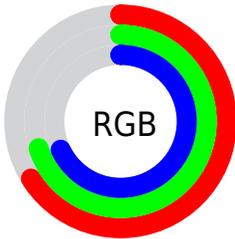
Format	Color
RYB	168, 175, 179
Decimal	11056046
CIELab	71.97, -4.79, 1.22
CIELCh	72, 4.944, 165.736
Yxy	43.6210, 0.3072, 0.3358
Android (android.graphics.Color)	4289246126 (0xFFA8B3AE)
YUV	175.1410, -0.5625, -6.2627
Hunter-Lab	66.0462, -7.7220, 4.6141

Details

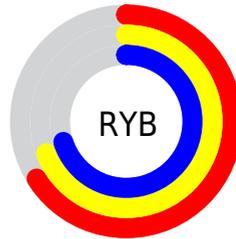
The XYZ color **39.9085, 43.6210, 46.3607** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.1374, 40.6072, 45.2597**, and the grayscale version is **40.8262, 42.9523, 46.7751**.

A 20% lighter version of the original color is **74.2826, 80.7618, 85.8022**, and **18.1762, 20.0399, 21.3224** is the 20% darker color. If you saturate the color by 10%, you get **35.5875, 41.4836, 42.1417**, and if you desaturate by 10%, it is **44.8047, 46.0518, 50.8594**.

Distribution



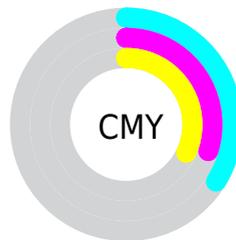
- Red (66%)
- Green (70%)
- Blue (68%)



- Red (66%)
- Yellow (69%)
- Blue (70%)



- Cyan (6%)
- Magenta (0%)
- Yellow (3%)
- Black (30%)



- Cyan (34%)
- Magenta (30%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.9085, 43.6210, 46.3607 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 39.9085, 43.6210, 46.3607 by changing the saturation by 10% instead.

■ 39.9085, 43.6210,
46.3607

■ 39.9085, 43.6210,
46.3607

336.8788,
361.1594, 388.5765

■ 27.6511, 30.3727,
32.1798

■ 74.3094, 80.6471,
86.0985

■ 18.2019, 20.1216,
21.2329

■ 97.1836, 105.1937,
112.4926

■ 11.1956, 12.4835,
13.1015

124.3274,
134.2752, 143.7947

■ 6.2668, 7.0739,
7.3669

156.1063,
168.2759, 180.4236

■ 3.0502, 3.5083,
3.6107

192.8855,
207.5803, 222.7976

■ 1.1804, 1.4025,
1.4143

235.0304,

■ 0.0908, 0.2186,

252.5728, 271.3355

0.1528

282.9064,
303.6377, 326.4556

■ 0.0000, 0.0000,
0.0000

■ 39.9085, 43.6210,
46.3607

■ 39.9085, 43.6210,
46.3607

■ 35.5875, 41.4836,
42.1417

■ 44.8047, 46.0518,
50.8594

■ 31.8158, 39.6227,
38.1942

■ 50.2933, 48.7812,
55.6403

■ 28.5711, 38.0281,
34.5134

■ 56.3954, 51.8210,
60.7094

■ 25.8279, 36.6868,
31.0935

■ 63.1298, 55.1810,
66.0716

■ 23.5587, 35.5847,
27.9284

■ 69.5876, 58.3925,
71.6885

■ 21.7332, 34.7062,
25.0118

■ 70.6579, 58.8207,
77.3248

■ 20.3172, 34.0340,
22.3369

■ 71.7810, 59.2699,
83.2388

■ 19.2713, 33.5477,
19.8966

■ 72.9576, 59.7405,
89.4345

■ 18.5440, 33.2211,
17.6830

■ 74.1883, 60.2328,
95.9153

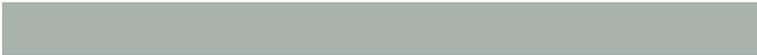
Harmonies

Analogous

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



40.3099, 43.6210, 44.3274



39.9085, 43.6210, 46.3607



39.9190, 43.6210, 48.7667

Triad

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



39.9085, 43.6210, 46.3607



41.9018, 43.6210, 52.1080



42.6027, 43.6210, 44.2468

Complementary

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



39.9085, 43.6210, 46.3607



40.1374, 40.6072, 45.2597

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.



43.0411, 43.6210, 46.2473



39.9085, 43.6210, 46.3607



42.6327, 43.6210, 50.8118

Square

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



39.9085, 43.6210, 46.3607



41.0622, 43.6210, 52.1409



43.0521, 43.6210, 48.6494



41.8613, 43.6210, 43.1352

Rectangle

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



39.9085, 43.6210, 46.3607



40.1580, 43.6210, 50.2605



43.0521, 43.6210, 48.6494



42.7908, 43.6210, 44.8345

Sweetspot

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



39.9097, 43.6229, 46.3617



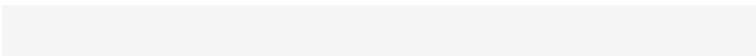
74.9529, 79.8487, 86.2805



40.4526, 43.9688, 43.4011



16.6265, 17.7007, 19.1345



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.



39.9097, 43.6229, 46.3617



70.6773, 77.7288, 82.2725



40.3333, 43.6748, 48.9543



8.7623, 9.6572, 10.2071



12.9694, 23.4137, 12.1075



0.4370, 0.7483, 0.5335

Inverse Universe

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



40.1374, 40.6072, 45.2597



71.1465, 71.5149, 80.0018



39.7300, 40.5527, 42.7798



8.8233, 8.8490, 9.9117



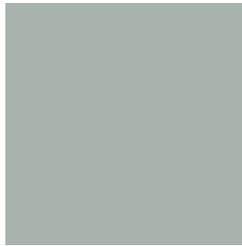
14.2287, 7.2090, 6.3643



0.4772, 0.2386, 0.3559

Previews

White Background



This preview shows how the XYZ color 39.9085, 43.6210, 46.3607 looks on a white background.

Color Contrast Check

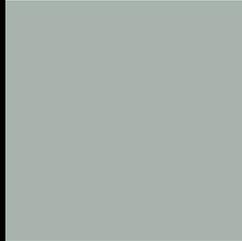
Large Text (above 18pt) WCAG AA × Fail

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 39.9085, 43.6210, 46.3607 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

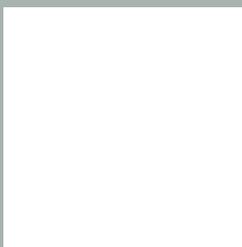
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.9085, 43.6210, 46.3607

Background



This preview shows how black text looks on a background with the XYZ color 39.9085, 43.6210, 46.3607.



This preview shows how white text looks on a background with the XYZ color 39.9085, 43.6210,

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

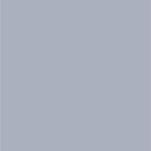
39.9085, 43.6210, 46.3607

Protanopia

41.5988, 43.3418, 45.2030

Deuteranopia

44.3917, 43.5979, 47.1498



Tritanopia

41.6142, 43.4263, 54.9040

Trichromacy



Original Color

39.9085, 43.6210, 46.3607

Protanomaly

40.9727, 43.2979, 45.7330

Deuteranomaly

42.6411, 43.5576, 46.7175

Tritanomaly

40.9514, 43.4510, 51.5759

Monochromacy



Original Color

39.9085, 43.6210, 46.3607

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.2765, 42.9165, 46.7184

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9085, 43.6210, 46.3607 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(168, 179, 174)` looks like.

```
.text, #text, p{  
    color:rgb(168, 179, 174)  
}
```

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(168, 179, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 179, 174) }
```

Border

The CSS property to change the border of an element to XYZ 39.9085, 43.6210, 46.3607 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(168, 179, 174) }
```

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

```
.border{ border-color:rgb(168, 179, 174) }
```

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

Here you see how a box with a 4 pixel rgb(168, 179, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 179, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 179, 174);  
box-shadow:4px 4px 4px 4px rgb(168, 179,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9085, 43.6210, 46.3607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 179, 174) }
```

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

```
.background{ background-color: rgb(168,  
179, 174) }
```

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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