

Converting Colors

XYZ(38.6196, 39.8685, 43.1960)

Have a look what the booklet for
XYZ(38.6196, 39.8685, 43.1960)
contains.

XYZ(38.6196, 39.8685, 43.1960)	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(38.6196, 39.8685,
43.1960)**

Conversions

Conversions Part 1

Format	Color
Hex	AEA8A9
RGB	174, 168, 169
RGB Percent	68%, 66%, 66%
CMY	0.3176, 0.3412, 0.3373
CMYK	0.00, 0.03, 0.03, 0.32
HSL	350°, 4%, 67%
HSV	350°, 3%, 68%
XYZ	38.6196, 39.8685, 43.1960
YIQ	169.9080, 3.2550, 1.5830

Conversions

Conversions Part 2

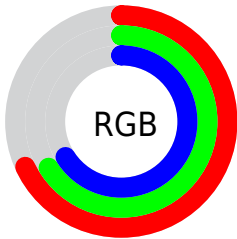
Format	Color
RYB	174, 168, 169
Decimal	11446441
CIELab	69.38, 2.33, 0.24
CIELCh	69, 2.347, 5.925
Yxy	39.8685, 0.3174, 0.3276
Android (android.graphics.Color)	4289636521 (0xFFAEA8A9)
YUV	169.9080, -0.4476, 3.5887
Hunter-Lab	63.1415, -1.3207, 3.6379

Details

The XYZ color **38.6196, 39.8685, 43.1960** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.8288, 41.6151, 45.5232**, and the grayscale version is **38.1646, 40.1521, 43.7257**.

A 20% lighter version of the original color is **72.1553, 74.8152, 81.1588**, and **17.4823, 17.9127, 19.3657** is the 20% darker color. If you saturate the color by 10%, you get **34.3327, 33.3544, 35.4163**, and if you desaturate by 10%, it is **43.4897, 47.3062, 51.9167**.

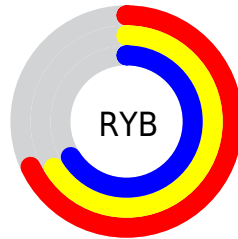
Distribution



Red (68%)

Green (66%)

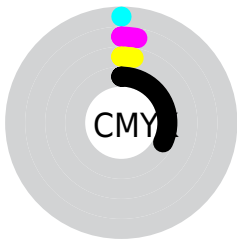
Blue (66%)



Red (68%)

Yellow (66%)

Blue (66%)

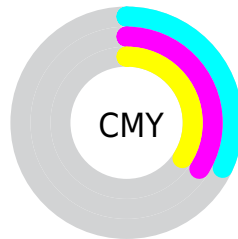


Cyan (0%)

Magenta (3%)

Yellow (3%)

Black (32%)



Cyan (32%)

Magenta (34%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.6196, 39.8685, 43.1960 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 38.6196, 39.8685, 43.1960 by changing the saturation by 10% instead.

■ 38.6196, 39.8685,
43.1960

■ 38.6196, 39.8685,
43.1960

331.5056,
345.5690, 375.3621

■ 26.6433, 27.4360,
29.7064

■ 72.3546, 74.9632,
81.2961

■ 17.4407, 17.9010,
19.3657

■ 94.8441, 98.3943,
106.7436

■ 10.6465, 10.8789,
11.7553

121.5687,
126.2603, 137.0142

■ 5.8952, 5.9855,
6.4568

152.8937,
158.9457, 172.5264

■ 2.8215, 2.8362,
3.0515

189.1845,
196.8349, 213.6988

■ 1.0601, 1.0468,
1.1210

230.8066,

■ 0.0000, 0.0000,

240.3122, 260.9498

0.0000

278.1251,
289.7621, 314.6981

■ 38.6196, 39.8685,
43.1960

■ 38.6196, 39.8685,
43.1960

■ 34.3327, 33.3544,
35.4163

■ 43.4897, 47.3062,
51.9167

■ 30.6039, 27.7228,
28.5436

■ 48.9605, 55.6963,
61.6058

■ 27.4109, 22.9373,
22.5453

■ 55.0525, 65.0726,
72.2930

■ 24.7290, 18.9570,
17.3863

■ 61.7848, 75.4657,
84.0056

■ 22.5312, 15.7373,
13.0286

■ 69.1736, 86.9019,
96.7696

■ 20.7882, 13.2296,
9.4318

■ 71.2658, 87.7388,
107.7869

■ 19.4674, 11.3794,
6.5514

■ 18.5316, 10.1244,
4.3385

■ 17.9370, 9.3902,
2.7377

Harmonies

Analogous

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



38.5597, 39.8685, 44.2626



38.6196, 39.8685, 43.1960



38.4840, 39.8685, 42.2030

Triad

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



38.6196, 39.8685, 43.1960



37.4700, 39.8685, 41.7501



37.5988, 39.8685, 45.3337

Complementary

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



38.6196, 39.8685, 43.1960



38.8288, 41.6151, 45.5232

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.



37.3097, 39.8685, 44.6398



38.6196, 39.8685, 43.1960



37.2357, 39.8685, 42.5684

Square

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



38.6196, 39.8685, 43.1960



37.8190, 39.8685, 41.3771



37.1772, 39.8685, 43.6247



37.9687, 39.8685, 45.5084

Rectangle

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



38.6196, 39.8685, 43.1960



38.3015, 39.8685, 41.7126



37.1772, 39.8685, 43.6247



37.4890, 39.8685, 45.1529

Sweetspot

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



38.6207, 39.8702, 43.1969



72.1002, 75.4400, 82.0368



38.8774, 39.9473, 45.7064



16.0355, 16.7833, 18.2523



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



38.6207, 39.8702, 43.1969



69.5374, 71.5338, 77.4236



38.8994, 40.5767, 42.8297



8.5121, 8.7275, 9.4369



12.8362, 6.5970, 1.5171



0.3731, 0.1899, 0.1266

Inverse Universe

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



38.6207, 39.8702, 43.1969



69.5374, 71.5338, 77.4236



38.5423, 40.8872, 45.9055



8.5121, 8.7275, 9.4369



12.8362, 6.5970, 1.5171



0.3731, 0.1899, 0.1266

Previews

White Background



This preview shows how the XYZ color 38.6196, 39.8685, 43.1960 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 38.6196, 39.8685, 43.1960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

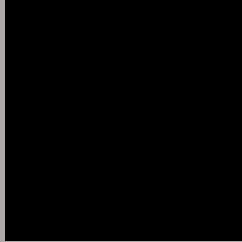
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.6196, 39.8685, 43.1960

Background



This preview shows how black text looks on a background with the XYZ color 38.6196, 39.8685, 43.1960.

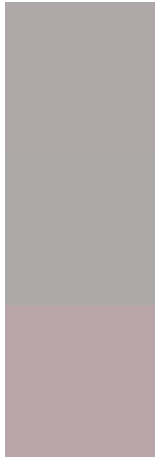


This preview shows how white text looks on a background with the XYZ color 38.6196, 39.8685,

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

38.6196, 39.8685, 43.1960

Protanopia

38.3627, 40.0112, 43.2371

Deuteranopia

40.5387, 39.7675, 43.5695



Tritanopia

39.6774, 39.7572, 48.2305

Trichromacy



Original Color

38.6196, 39.8685, 43.1960

Protanomaly

38.5830, 40.1247, 43.2474

Deuteranomaly

39.7669, 39.6363, 43.5848

Tritanomaly

39.2358, 39.8465, 46.1806

Monochromacy



Original Color

38.6196, 39.8685, 43.1960

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.2383, 39.9361, 43.7233

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.6196, 39.8685, 43.1960 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(174, 168, 169)` looks like.

```
.text, #text, p{  
    color:rgb(174, 168, 169)  
}
```

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(174, 168, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 168, 169) }
```

Border

The CSS property to change the border of an element to XYZ 38.6196, 39.8685, 43.1960 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(174, 168, 169) }
```


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

```
.border{ border-color:rgb(174, 168, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 168, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 168, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 168, 169);  
box-shadow:4px 4px 4px 4px rgb(174, 168,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 38.6196, 39.8685, 43.1960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 168, 169) }
```

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

```
.background{ background-color: rgb(174,  
168, 169) }
```

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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