

Converting Colors

XYZ(39.5992, 43.8883, 46.7474)

Have a look what the booklet for
XYZ(39.5992, 43.8883, 46.7474)
contains.

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Color

**XYZ(39.5762, 43.7370,
46.9136)**

Conversions

Conversions Part 1

Format	Color
Hex	A5B4AF
RGB	165, 180, 175
RGB Percent	65%, 71%, 69%
CMY	0.3529, 0.2941, 0.3137
CMYK	0.08, 0.00, 0.03, 0.29
HSL	160°, 9%, 68%
HSV	160°, 8%, 71%
XYZ	39.5762, 43.7370, 46.9136
YIQ	174.9450, -7.3350, -4.7350

Conversions

Conversions Part 2

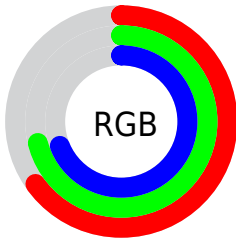
Format	Color
RYB	165, 174, 180
Decimal	10859695
CIELab	72.05, -6.17, 0.76
CIElCh	72, 6.216, 173.008
Yxy	43.7370, 0.3039, 0.3359
Android (android.graphics.Color)	4289049775 (0xFFA5B4AF)
YUV	174.9450, 0.0271, -8.7218
Hunter-Lab	66.1340, -8.9156, 4.2351

Details

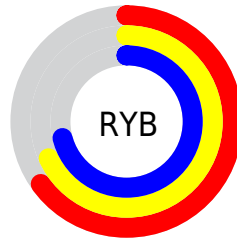
The XYZ color **39.5762, 43.7370, 46.9136** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.5349, 39.5171, 43.5762**, and the grayscale version is **40.7227, 42.8435, 46.6565**.

A 20% lighter version of the original color is **73.7936, 80.9197, 86.5926**, and **17.9746, 20.1195, 21.6750** is the 20% darker color. If you saturate the color by 10%, you get **35.5162, 41.7118, 43.7148**, and if you desaturate by 10%, it is **44.1919, 46.0480, 50.2771**.

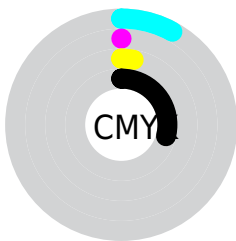
Distribution



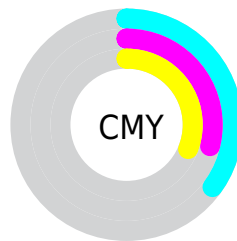
- Red (65%)
- Green (71%)
- Blue (69%)



- Red (65%)
- Yellow (68%)
- Blue (71%)



- Cyan (8%)
- Magenta (0%)
- Yellow (3%)
- Black (29%)




- Cyan (35%)
- Magenta (29%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.5762, 43.7370, 46.9136 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 39.5762, 43.7370, 46.9136 by changing the saturation by 10% instead.

 39.5762, 43.7370,
46.9136


 39.5762, 43.7370,
46.9136


335.4992,
361.6340, 390.8533

 27.3910, 30.4638,
32.6135


 73.8062, 80.8218,
86.9333

 18.0052, 20.1909,
21.5618


 96.5817, 105.4023,
113.4899

 11.0534, 12.5339,
13.3401

123.6180,
134.5206, 144.9692

 6.1703, 7.1084,
7.5297

155.2805,
168.5612, 181.7896

 2.9906, 3.5300,
3.7121

191.9345,
207.9084, 224.3696

 1.1488, 1.4143,
1.4688

233.9454,

 0.0653, 0.2272,

252.9467, 273.1279

0.1945

281.6785,
304.0604, 328.4830

■ 0.0000, 0.0000,
0.0000

■ 39.5762, 43.7370,
46.9136

■ 39.5762, 43.7370,
46.9136

■ 35.5162, 41.7118,
43.7148

■ 44.1919, 46.0480,
50.2771

■ 31.9860, 39.9556,
40.6749

■ 49.3804, 48.6501,
53.8050

■ 28.9629, 38.4578,
37.7920

■ 55.1630, 51.5553,
57.5010

■ 26.4215, 37.2054,
35.0632

■ 61.5583, 54.7733,
61.3676

■ 24.3336, 36.1840,
32.4851

■ 68.5832, 58.3126,
65.4071

■ 22.6686, 35.3777,
30.0546

■ 69.3220, 58.6081,
69.2976

■ 21.3912, 34.7685,
27.7679

■ 70.0889, 58.9149,
73.3362

■ 20.4608, 34.3354,
25.6212

■ 70.8843, 59.2330,
77.5243

■ 19.8095, 34.0435,
23.6092

■ 71.7083, 59.5626,
81.8636

Harmonies

Analogous

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



39.9606, 43.7370, 44.1885



39.5762, 43.7370, 46.9136



39.7189, 43.7370, 49.9452

Triad

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



39.5762, 43.7370, 46.9136



42.3741, 43.7370, 53.2118



42.8118, 43.7370, 43.1012

Complementary

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



39.5762, 43.7370, 46.9136



39.5349, 39.5171, 43.5762

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.



43.4792, 43.7370, 45.3723



39.5762, 43.7370, 46.9136



43.2235, 43.7370, 51.2293

Square

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



39.5762, 43.7370, 46.9136



41.3226, 43.7370, 53.6673



43.6311, 43.7370, 48.3378



41.8198, 43.7370, 42.0489

Rectangle

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



39.5762, 43.7370, 46.9136



40.0949, 43.7370, 51.7245



43.6311, 43.7370, 48.3378



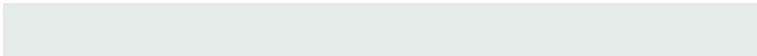
43.0823, 43.7370, 43.7426

Sweetspot

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



39.5774, 43.7389, 46.9146



76.0515, 81.4509, 88.2458



39.7459, 43.9350, 41.9835



16.2930, 17.5322, 18.9677



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.



39.5774, 43.7389, 46.9146



70.3324, 78.5912, 83.9744



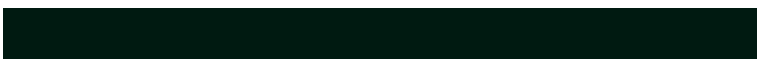
39.6274, 43.0378, 49.4007



8.6198, 9.5824, 10.2573



13.7885, 23.7414, 16.4209



0.4596, 0.7573, 0.6521

Inverse Universe

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



39.5349, 39.5171, 43.5762



70.2394, 69.3648, 76.6791



39.4799, 40.1503, 41.2670



8.6094, 8.5505, 9.4414



13.7349, 7.0115, 3.7638



0.4599, 0.2317, 0.2647

Previews

White Background



This preview shows how the XYZ color 39.5762, 43.7370, 46.9136 looks on a white background.

Color Contrast Check

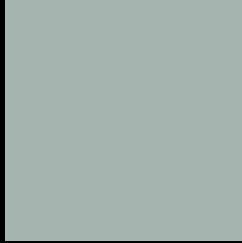
Large Text (above 18pt) WCAG AA × Fail

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 39.5762, 43.7370, 46.9136 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

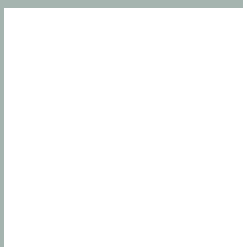
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.5762, 43.7370, 46.9136

Background



This preview shows how black text looks on a background with the XYZ color 39.5762, 43.7370, 46.9136.



This preview shows how white text looks on a background with the XYZ color 39.5762, 43.7370,

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

39.5762, 43.7370, 46.9136

Protanopia

41.8906, 43.7711, 45.7760

Deuteranopia

44.4910, 43.6376, 47.6729



Tritanopia

41.3850, 43.5749, 56.0987

Trichromacy



Original Color

39.5762, 43.7370, 46.9136

Protanomaly

41.0413, 43.6142, 46.2997

Deuteranomaly

42.5010, 43.4740, 47.2256

Tritanomaly

40.7197, 43.6014, 52.7241

Monochromacy



Original Color

39.5762, 43.7370, 46.9136

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.2546, 43.1974, 46.7737

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5762, 43.7370, 46.9136 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(165, 180, 175) looks like.

```
.text, #text, p{  
    color:rgb(165, 180, 175)  
}
```

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(165, 180, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 180, 175) }
```

Border

The CSS property to change the border of an element to XYZ 39.5762, 43.7370, 46.9136 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(165, 180, 175) }
```


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

```
.border{ border-color:rgb(165, 180, 175) }
```

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

Here you see how a box with a 4 pixel rgb(165, 180, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 180, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 180, 175);  
box-shadow:4px 4px 4px 4px rgb(165, 180,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5762, 43.7370, 46.9136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 180, 175) }
```

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

```
.background{ background-color: rgb(165,  
180, 175) }
```

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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