

Converting Colors

XYZ(39.5398, 45.2457, 57.5473)

Have a look what the booklet for
XYZ(39.5398, 45.2457, 57.5473)
contains.

XYZ(39.6909, 45.4024, 57.7105)	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(39.6909, 45.4024,
57.7105)**

Conversions

Conversions Part 1

Format	Color
Hex	95BAC2
RGB	149, 186, 194
RGB Percent	58%, 73%, 76%
CMY	0.4157, 0.2706, 0.2392
CMYK	0.23, 0.04, 0.00, 0.24
HSL	191°, 27%, 67%
HSV	191°, 23%, 76%
XYZ	39.6909, 45.4024, 57.7105
YIQ	175.8490, -24.6200, -5.3560

Conversions

Conversions Part 2

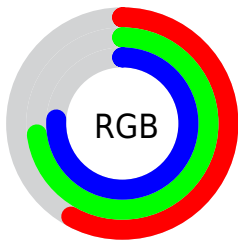
Format	Color
RYB	149, 169, 194
Decimal	9812674
CIELab	73.16, -10.57, -8.14
CIELCh	73, 13.337, 217.603
Yxy	45.4024, 0.2779, 0.3179
Android (android.graphics.Color)	4288002754 (0xFF95BAC2)
YUV	175.8490, 8.9484, -23.5466
Hunter-Lab	67.3813, -12.7720, -3.6136

Details

The XYZ color **39.6909, 45.4024, 57.7105** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.7303, 37.7533, 33.6277**, and the grayscale version is **41.1533, 43.2965, 47.1498**.

A 20% lighter version of the original color is **73.9093, 83.2438, 102.6147**, and **18.0509, 21.2099, 27.9535** is the 20% darker color. If you saturate the color by 10%, you get **35.7247, 42.2935, 57.3202**, and if you desaturate by 10%, it is **44.2669, 48.8539, 58.1363**.

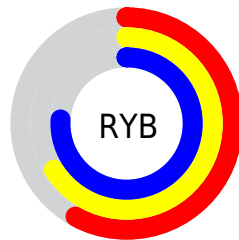
Distribution



Red (58%)

Green (73%)

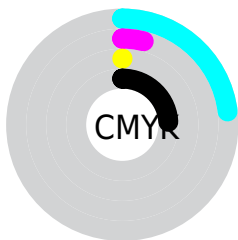
Blue (76%)



Red (58%)

Yellow (66%)

Blue (76%)

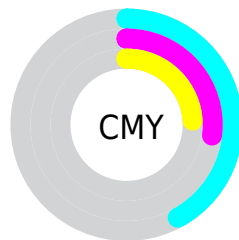


Cyan (23%)

Magenta (4%)

Yellow (0%)

Black (24%)



Cyan (42%)

Magenta (27%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.6909, 45.4024, 57.7105 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 39.6909, 45.4024, 57.7105 by changing the saturation by 10% instead.

■ 39.6909, 45.4024,
57.7105

■ 39.6909, 45.4024,
57.7105

335.9758,
368.4009, 433.6744

■ 27.4808, 31.7745,
41.1628

■ 73.9799, 83.3239,
103.0118

■ 18.0731, 21.1893,
28.1257

■ 96.7895, 108.3863,
132.6024

■ 11.1025, 13.2625,
18.1805

123.8630,
138.0291, 167.3778

■ 6.2036, 7.6095,
10.9089

155.5657,
172.6365, 207.7564

■ 3.0111, 3.8461,
5.8922

192.2630,
212.5929, 254.1569

■ 1.1596, 1.5879,
2.7119

234.3202,

■ 0.0741, 0.3494,

258.2829, 306.9976

0.9494

282.1027,
310.0907, 366.6973

■ 0.0000, 0.0000,
0.0000

■ 39.6909, 45.4024,
57.7105

■ 39.6909, 45.4024,
57.7105

■ 35.7247, 42.2935,
57.3202

■ 44.2669, 48.8539,
58.1363

■ 32.3350, 39.5066,
56.9609

■ 49.4759, 52.6569,
58.5958

■ 29.4914, 37.0267,
56.6322

■ 55.3448, 56.8264,
59.0913

■ 27.1588, 34.8358,
56.3322

■ 61.8980, 61.3752,
59.6239

■ 25.2982, 32.9135,
56.0592

■ 69.1581, 66.3152,
60.1947

■ 23.8645, 31.2365,
55.8111

■ 73.2158, 69.6312,
60.6209

■ 22.8039, 29.7766,
55.5852

■ 74.0586, 71.3169,
60.9019

■ 22.2259, 28.8714,
55.4410

■ 74.9199, 73.0393,
61.1889

■ 75.7995, 74.7987,
61.4822

Harmonies

Analogous

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



38.8514, 45.4024, 51.1577



39.6909, 45.4024, 57.7105



41.4642, 45.4024, 62.3128

Triad

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



39.6909, 45.4024, 57.7105



47.4426, 45.4024, 54.5023



42.5618, 45.4024, 37.7461

Complementary

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



39.6909, 45.4024, 57.7105



39.7303, 37.7533, 33.6277

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.



44.8883, 45.4024, 38.4670



39.6909, 45.4024, 57.7105



47.7622, 45.4024, 47.7523

Square

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



39.6909, 45.4024, 57.7105



45.9538, 45.4024, 60.3471



46.8121, 45.4024, 41.9919



40.4696, 45.4024, 39.9255

Rectangle

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



39.6909, 45.4024, 57.7105



42.9660, 45.4024, 63.4390



46.8121, 45.4024, 41.9919



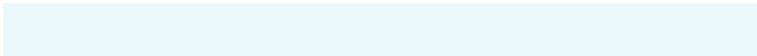
43.3418, 45.4024, 37.6611

Sweetspot

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



39.6922, 45.4042, 57.7115



85.8013, 92.6241, 105.8258



37.7302, 47.3912, 38.8346



18.6609, 20.1899, 23.1635



0.0000, 0.0000, 0.0000



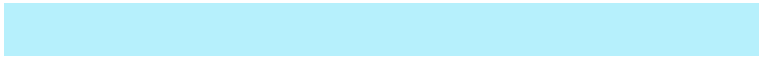
20.3446, 21.4041, 23.3091

Same Dimension

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



39.6922, 45.4042, 57.7115



68.0048, 79.2271, 104.1779



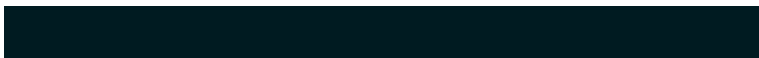
35.4083, 36.8364, 56.2836



10.2114, 11.1141, 12.8919



14.6668, 19.0901, 36.4684



0.6745, 0.9064, 1.5893

Inverse Universe

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



41.8595, 36.5104, 51.2974



72.6992, 60.4235, 90.1816



43.7938, 45.8803, 34.9822



10.4180, 10.2158, 12.2917



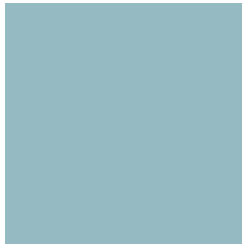
18.7991, 9.2094, 22.6519



0.8328, 0.4061, 1.0872

Previews

White Background



This preview shows how the XYZ color 39.6909, 45.4024, 57.7105 looks on a white background.

Color Contrast Check

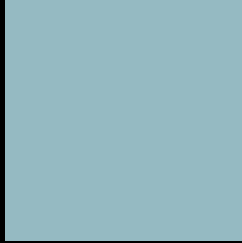
Large Text (above 18pt) WCAG AA × Fail

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 39.6909, 45.4024, 57.7105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

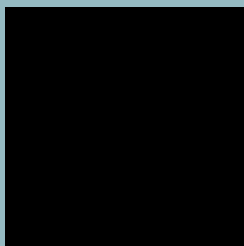
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

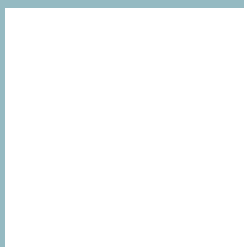
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.6909, 45.4024, 57.7105

Background



This preview shows how black text looks on a background with the XYZ color 39.6909, 45.4024, 57.7105.



This preview shows how white text looks on a background with the XYZ color 39.6909, 45.4024,

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

39.6909, 45.4024, 57.7105

Protanopia

43.6961, 45.0986, 54.5460

Deuteranopia

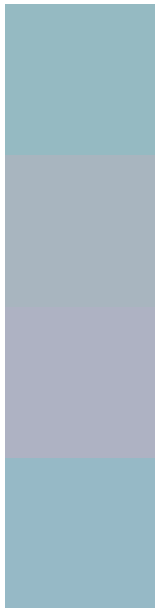
46.0861, 45.0764, 58.4962



Tritanopia

40.3520, 45.3521, 61.2706

Trichromacy



Original Color

39.6909, 45.4024, 57.7105

Protanomaly

42.0763, 45.1342, 55.7843

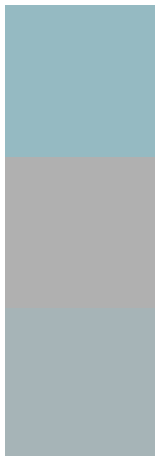
Deuteranomaly

43.2263, 44.7796, 57.9948

Tritanomaly

40.1197, 45.2592, 60.0474

Monochromacy



Original Color

39.6909, 45.4024, 57.7105

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.5944, 44.1684, 51.1855

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6909, 45.4024, 57.7105 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(149, 186, 194)` looks like.

```
.text, #text, p{  
    color:rgb(149, 186, 194)  
}
```

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(149, 186, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 186, 194) }
```

Border

The CSS property to change the border of an element to XYZ 39.6909, 45.4024, 57.7105 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(149, 186, 194) }
```


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

```
.border{ border-color:rgb(149, 186, 194) }
```

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

Here you see how a box with a 4 pixel rgb(149, 186, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 186, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 186, 194);  
box-shadow:4px 4px 4px 4px rgb(149, 186,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6909, 45.4024, 57.7105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 186, 194) }
```

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

```
.background{ background-color: rgb(149,  
186, 194) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor