

Converting Colors

XYZ(38.9695, 45.1592, 45.8623)

Have a look what the booklet for
XYZ(38.9695, 45.1592, 45.8623)
contains.

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Color

**XYZ(39.1059, 45.3655,
45.7250)**

Conversions

Conversions Part 1

Format	Color
Hex	9EBAAC
RGB	158, 186, 172
RGB Percent	62%, 73%, 67%
CMY	0.3804, 0.2706, 0.3255
CMYK	0.15, 0.00, 0.08, 0.27
HSL	150°, 17%, 67%
HSV	150°, 15%, 73%
XYZ	39.1059, 45.3655, 45.7250
YIQ	176.0320, -12.1940, -10.2900

Conversions

Conversions Part 2

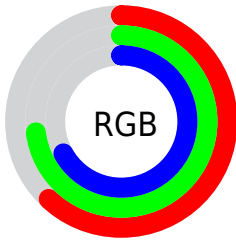
Format	Color
RYB	158, 177, 186
Decimal	10402476
CIELab	73.13, -12.31, 3.90
CIELCh	73, 12.912, 162.398
Yxy	45.3655, 0.3004, 0.3484
Android (android.graphics.Color)	4288592556 (0xFF9EBAAC)
YUV	176.0320, -1.9878, -15.8141
Hunter-Lab	67.3539, -14.2317, 6.8971

Details

The XYZ color **39.1059, 45.3655, 45.7250** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.9247, 37.8726, 44.2379**, and the grayscale version is **41.2992, 43.4499, 47.3170**.

A 20% lighter version of the original color is **73.0578, 83.1964, 84.8810**, and **17.7216, 21.1953, 20.9264** is the 20% darker color. If you saturate the color by 10%, you get **34.8584, 43.2767, 41.0256**, and if you desaturate by 10%, it is **43.9723, 47.7686, 50.7817**.

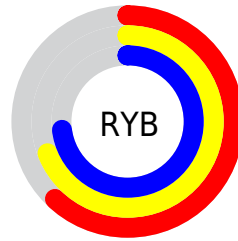
Distribution



Red (62%)

Green (73%)

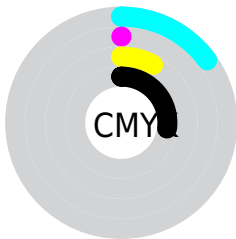
Blue (67%)



Red (62%)

Yellow (69%)

Blue (73%)

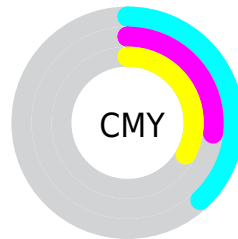


Cyan (15%)

Magenta (0%)

Yellow (8%)

Black (27%)



Cyan (38%)


Magenta (27%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.1059, 45.3655, 45.7250 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 39.1059, 45.3655, 45.7250 by changing the saturation by 10% instead.


 39.1059, 45.3655,
45.7250


 39.1059, 45.3655,
45.7250


333.5399,
368.2518, 385.9474

 27.0232, 31.7454,
31.6818


 73.0931, 83.2686,
85.1372

 17.7273, 21.1671,
20.8557


 95.7283, 108.3204,
111.3433

 10.8529, 13.2462,
12.8284


122.6118,
137.9516, 142.4408

 6.0346, 7.5983,
7.1811

154.1088,
172.5466, 178.8481

 2.9070, 3.8390,
3.4955

190.5848,
212.4897, 220.9839

 1.1048, 1.5839,
1.3529

232.4051,

 0.0291, 0.3467,

258.1653, 269.2667

0.1045

279.9350,
309.9579, 324.1150

■ 0.0000, 0.0000,
0.0000

■ 39.1059, 45.3655,
45.7250

■ 39.1059, 45.3655,
45.7250

■ 34.8584, 43.2767,
41.0256

■ 43.9723, 47.7686,
50.7817

■ 31.1998, 41.4832,
36.6726

■ 49.4782, 50.4928,
56.2002

■ 28.1035, 39.9726,
32.6590

■ 55.6481, 53.5517,
61.9890

■ 25.5391, 38.7295,
28.9761

■ 62.5037, 56.9566,
68.1550

■ 23.4731, 37.7367,
25.6150

■ 70.0662, 60.7180,
74.7053

■ 21.8682, 36.9752,
22.5665

■ 72.7768, 61.9703,
81.3854

■ 20.6814, 36.4229,
19.8206

■ 74.1019, 62.5004,
88.3633

■ 19.8603, 36.0530,
17.3666

■ 75.4975, 63.0586,
95.7125

■ 19.5352, 35.9097,
16.2556

■ 76.8498, 63.5995,
102.8333

Harmonies

Analogous

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



40.2530, 45.3655, 40.7593



39.1059, 45.3655, 45.7250



39.0103, 45.3655, 52.1171

Triad

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



39.1059, 45.3655, 45.7250



44.0587, 45.3655, 62.5812



46.4094, 45.3655, 41.4665

Complementary

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



39.1059, 45.3655, 45.7250



39.9247, 37.8726, 44.2379

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.



47.5056, 45.3655, 46.7700



39.1059, 45.3655, 45.7250



46.1169, 45.3655, 59.1724

Square

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



39.1059, 45.3655, 45.7250



41.8172, 45.3655, 62.2393



47.3967, 45.3655, 53.2570



44.4466, 45.3655, 38.4524

Rectangle

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



39.1059, 45.3655, 45.7250



39.5509, 45.3655, 56.3714



47.3967, 45.3655, 53.2570



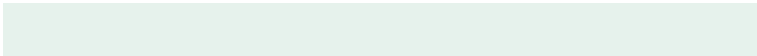
46.8945, 45.3655, 43.0199

Sweetspot

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



39.1072, 45.3674, 45.7260



79.6723, 86.5663, 92.0138



40.8480, 46.4121, 39.1540



17.3998, 18.9915, 20.1158



90.7827, 95.5105, 104.0109



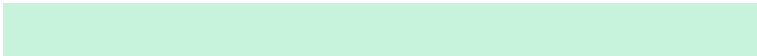
18.6292, 19.5994, 21.3438

Same Dimension

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



39.1072, 45.3674, 45.7260



68.2630, 80.9377, 80.0443



40.4745, 45.9143, 52.9260



9.0726, 10.1330, 10.5395



13.1799, 24.1729, 11.1351



0.4959, 0.8647, 0.5571

Inverse Universe

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



39.9247, 37.8726, 44.2379



70.0236, 64.7964, 76.8393



38.6898, 37.3787, 37.7352



9.1869, 9.0851, 10.3314



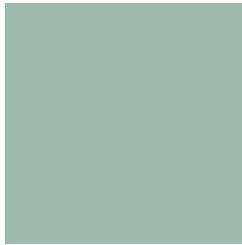
14.9908, 7.5701, 7.8382



0.5597, 0.2794, 0.4408

Previews

White Background



This preview shows how the XYZ color 39.1059, 45.3655, 45.7250 looks on a white background.

Color Contrast Check

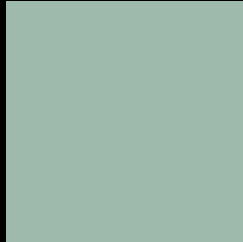
Large Text (above 18pt) WCAG AA × Fail

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 39.1059, 45.3655, 45.7250 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

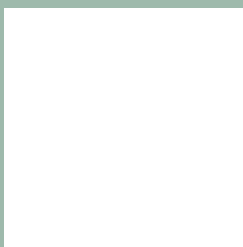
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.1059, 45.3655, 45.7250

Background



This preview shows how black text looks on a background with the XYZ color 39.1059, 45.3655, 45.7250.



This preview shows how white text looks on a background with the XYZ color 39.1059, 45.3655,

45.7250.

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

39.1059, 45.3655, 45.7250

Protanopia

42.9959, 44.9822, 43.4621

Deuteranopia

45.9701, 44.9881, 46.8181



Tritanopia

41.7063, 45.1685, 59.3436

Trichromacy



Original Color

39.1059, 45.3655, 45.7250

Protanomaly

41.3645, 45.0263, 44.0469

Deuteranomaly

43.0888, 44.9641, 46.4523

Tritanomaly

40.7085, 45.0749, 54.1317

Monochromacy



Original Color

39.1059, 45.3655, 45.7250

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.4213, 44.1727, 46.9532

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1059, 45.3655, 45.7250 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(158, 186, 172)` looks like.

```
.text, #text, p{  
    color:rgb(158, 186, 172)  
}
```

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(158, 186, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 186, 172) }
```

Border

The CSS property to change the border of an element to XYZ 39.1059, 45.3655, 45.7250 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(158, 186, 172) }
```


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

```
.border{ border-color:rgb(158, 186, 172) }
```

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

Here you see how a box with a 4 pixel rgb(158, 186, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 186, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 186, 172);  
box-shadow:4px 4px 4px 4px rgb(158, 186,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1059, 45.3655, 45.7250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 186, 172) }
```

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

```
.background{ background-color: rgb(158,  
186, 172) }
```

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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