

Converting Colors

XYZ(39.3140, 45.1688, 59.4697)

Have a look what the booklet for
XYZ(39.3140, 45.1688, 59.4697)
contains.

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Color

**XYZ(39.3140, 45.1688,
59.4697)**

Conversions

Conversions Part 1

Format	Color
Hex	91BAC5
RGB	145, 186, 197
RGB Percent	57%, 73%, 77%
CMY	0.4314, 0.2706, 0.2274
CMYK	0.26, 0.06, 0.00, 0.23
HSL	193°, 31%, 67%
HSV	193°, 26%, 77%
XYZ	39.3140, 45.1688, 59.4697
YIQ	174.9950, -27.9670, -5.2710

Conversions

Conversions Part 2

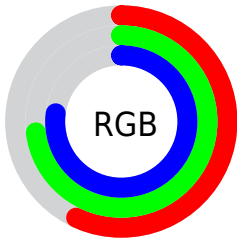
Format	Color
RYB	145, 168, 197
Decimal	9550533
CIELab	73.00, -11.09, -10.03
CIELCh	73, 14.956, 222.121
Yxy	45.1688, 0.2731, 0.3138
Android (android.graphics.Color)	4287740613 (0xFF91BAC5)
YUV	174.9950, 10.8485, -26.3056
Hunter-Lab	67.2077, -13.1978, -5.4182

Details

The XYZ color **39.3140, 45.1688, 59.4697** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.0257, 37.6918, 31.9547**, and the grayscale version is **40.7021, 42.8217, 46.6329**.

A 20% lighter version of the original color is **73.4609, 82.9394, 105.9030**, and **17.8597, 21.0854, 29.1152** is the 20% darker color. If you saturate the color by 10%, you get **35.2745, 41.8033, 59.0338**, and if you desaturate by 10%, it is **43.9838, 48.8994, 59.9444**.

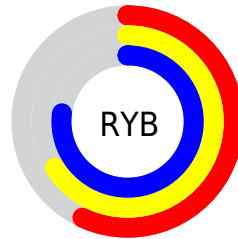
Distribution



Red (57%)

Green (73%)

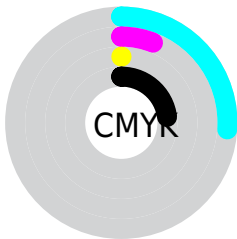
Blue (77%)



Red (57%)

Yellow (66%)

Blue (77%)

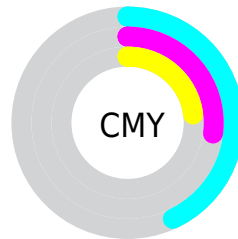


Cyan (26%)

Magenta (6%)

Yellow (0%)

Black (23%)



Cyan (43%)

Magenta (27%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.3140, 45.1688, 59.4697 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 39.3140, 45.1688, 59.4697 by changing the saturation by 10% instead.

■ 39.3140, 45.1688,
59.4697

■ 39.3140, 45.1688,
59.4697

334.4079,
367.4568, 440.3906

■ 27.1859, 31.5904,
42.5688

■ 73.4088, 82.9737,
105.5958

■ 17.8502, 21.0488,
29.2181

■ 96.1061, 107.9689,
135.6582

■ 10.9415, 13.1597,
18.9989

123.0573,
137.5386, 170.9448

■ 6.0945, 7.5386,
11.4926

154.6277,
172.0670, 211.8742

■ 2.9439, 3.8012,
6.2809

191.1826,
211.9387, 258.8650

■ 1.1241, 1.5630,
2.9451

233.0873,

■ 0.0452, 0.3324,

257.5379, 312.3356

1.0667

280.7073,
309.2492, 372.7046

■ 0.0000, 0.0000,
0.0000

■ 39.3140, 45.1688,
59.4697

■ 39.3140, 45.1688,
59.4697

■ 35.2745, 41.8033,
59.0338

■ 43.9838, 48.8994,
59.9444

■ 31.8298, 38.7811,
58.6320

■ 49.3087, 53.0050,
60.4562

■ 28.9474, 36.0860,
58.2637

■ 55.3175, 57.5017,
61.0075

■ 26.5895, 33.6984,
57.9271

■ 62.0356, 62.4031,
61.5994

■ 24.7137, 31.5960,
57.6202

■ 69.4873, 67.7218,
62.2333

■ 23.2707, 29.7530,
57.3405

■ 74.6131, 71.8811,
62.7660

■ 22.1967, 28.1364,
57.0850

■ 75.6617, 73.9783,
63.1155

■ 21.8556, 27.5861,
56.9968

■ 76.7373, 76.1296,
63.4741

■ 77.8402, 78.3353,
63.8417

Harmonies

Analogous

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



38.2073, 45.1688, 52.2627



39.3140, 45.1688, 59.4697



41.4085, 45.1688, 64.1750

Triad

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



39.3140, 45.1688, 59.4697



47.8896, 45.1688, 53.7293



41.8859, 45.1688, 36.4191

Complementary

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



39.3140, 45.1688, 59.4697



40.0257, 37.6918, 31.9547

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.



44.4916, 45.1688, 36.7260



39.3140, 45.1688, 59.4697



48.0301, 45.1688, 46.2232

Square

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



39.3140, 45.1688, 59.4697



46.3880, 45.1688, 60.6367



46.7646, 45.1688, 40.1534



39.6513, 45.1688, 39.2677

Rectangle

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



39.3140, 45.1688, 59.4697



43.1177, 45.1688, 64.9960



46.7646, 45.1688, 40.1534



42.7461, 45.1688, 36.1654

Sweetspot

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



39.3153, 45.1706, 59.4707



86.5780, 93.6122, 108.1135



37.5942, 48.3331, 38.5355



18.2096, 19.7908, 23.1102



0.0000, 0.0000, 0.0000



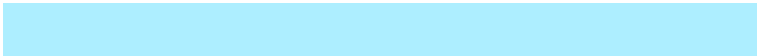
20.3446, 21.4041, 23.3091

Same Dimension

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



39.3153, 45.1706, 59.4707



65.8717, 77.1489, 106.0272



34.4311, 35.4021, 57.8426



10.7490, 11.6720, 13.6039



14.4375, 18.2689, 37.5097



0.7327, 0.9632, 1.7924

Inverse Universe

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



42.0154, 35.6673, 51.1265



71.6551, 57.4587, 88.0043



44.7429, 47.1262, 33.5271



10.9833, 10.7767, 12.8954



19.0867, 9.3842, 21.4643



0.9285, 0.4543, 1.1468

Previews

White Background



This preview shows how the XYZ color 39.3140, 45.1688, 59.4697 looks on a white background.

Color Contrast Check

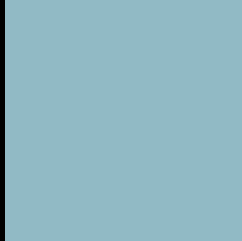
Large Text (above 18pt) WCAG AA × Fail

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 39.3140, 45.1688, 59.4697 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

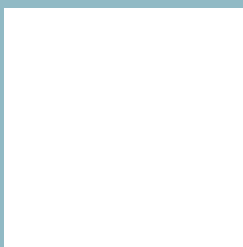
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.3140, 45.1688, 59.4697

Background



This preview shows how black text looks on a background with the XYZ color 39.3140, 45.1688, 59.4697.

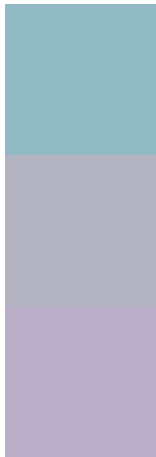


This preview shows how white text looks on a background with the XYZ color 39.3140, 45.1688,

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

39.3140, 45.1688, 59.4697

Protanopia

43.7949, 45.1115, 56.2683

Deuteranopia

45.8111, 44.8813, 60.8920



Tritanopia

39.6283, 44.9790, 61.2368

Trichromacy



Original Color

39.3140, 45.1688, 59.4697

Protanomaly

41.9874, 45.0498, 57.5214

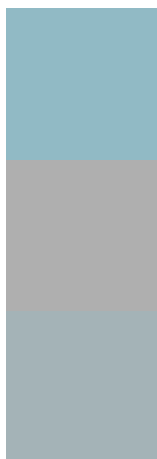
Deuteranomaly

43.0238, 44.6222, 60.3782

Tritanomaly

39.5118, 44.9324, 60.6232

Monochromacy



Original Color

39.3140, 45.1688, 59.4697

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

39.9772, 43.5516, 51.0990

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3140, 45.1688, 59.4697 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(145, 186, 197) looks like.

```
.text, #text, p{  
    color:rgb(145, 186, 197)  
}
```

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(145, 186, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 186, 197) }
```

Border

The CSS property to change the border of an element to XYZ 39.3140, 45.1688, 59.4697 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(145, 186, 197) }
```


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

```
.border{ border-color:rgb(145, 186, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 186, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 186, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 186, 197);  
box-shadow:4px 4px 4px 4px rgb(145, 186,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3140, 45.1688, 59.4697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 186, 197) }
```

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

```
.background{ background-color: rgb(145,  
186, 197) }
```

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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