

Converting Colors

XYZ(39.7469, 54.9284, 54.7075)

Have a look what the booklet for
XYZ(39.7469, 54.9284, 54.7075)
contains.

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Color

**XYZ(39.7274, 54.7785,
54.9338)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 73D5BA |
| RGB | 115, 213, 186 |
| RGB Percent | 45%, 84%, 73% |
| CMY | 0.5490, 0.1647, 0.2706 |
| CMYK | 0.46, 0.00, 0.13, 0.16 |
| HSL | 163°, 54%, 64% |
| HSV | 163°, 46%, 84% |
| XYZ | 39.7274, 54.7785, 54.9338 |
| YIQ | 180.6200, -49.7410, -29.1730 |

Conversions

Conversions Part 2

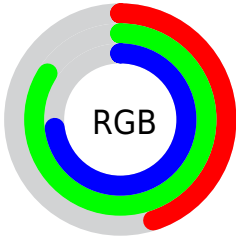
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 115, 172, 213 |
| Decimal | 7591354 |
| CIELab | 78.91, -35.27, 4.43 |
| CIELCh | 79, 35.545, 172.846 |
| Yxy | 54.7785, 0.2658, 0.3666 |
| Android (android.graphics.Color) | 4285781434 (0xFF73D5BA) |
| YUV | 180.6200, 2.6523, -57.5487 |
| Hunter-Lab | 74.0125, -33.7091, 7.8023 |

Details

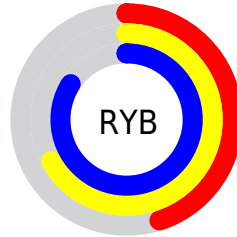
The XYZ color **39.7274, 54.7785, 54.9338** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **38.4556, 28.3620, 29.0409**, and the grayscale version is **43.7225, 45.9995, 50.0934**.

A 20% lighter version of the original color is **68.8003, 86.7015, 97.1133**, and **18.1478, 27.0170, 26.4486** is the 20% darker color. If you saturate the color by 10%, you get **36.6326, 53.2551, 51.5994**, and if you desaturate by 10%, it is **43.4980, 56.6501, 58.4360**.

Distribution



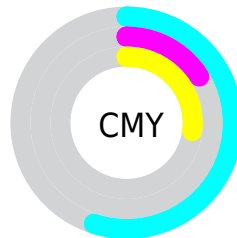
- Red (45%)
- Green (84%)
- Blue (73%)



- Red (45%)
- Yellow (67%)
- Blue (84%)



- Cyan (46%)
- Magenta (0%)
- Yellow (13%)
- Black (16%)





- Cyan (55%)
- Magenta (16%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.7274, 54.7785, 54.9338 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 39.7274, 54.7785, 54.9338 by changing the saturation by 10% instead.


 39.7274, 54.7785,
54.9338


 39.7274, 54.7785,
54.9338


336.1274,
405.0718, 422.9358


 27.5093, 39.2244,
38.9505


 74.0352, 97.2163,
98.9141

 18.0947, 26.9343,
26.4137

 96.8557, 124.8689,
127.7482

 11.1181, 17.5239,
16.9048


 123.9410,
157.3230, 161.7030

 6.2142, 10.6087,
10.0054

155.6564,
194.9632, 201.1970

 3.0177, 5.8044,
5.2969

192.3675,
238.1738, 246.6487

 1.1631, 2.7265,
2.3607

234.4394,

 0.0769, 0.9907,

287.3391, 298.4767

0.7649

282.2376,
342.8436, 357.0996

■ 0.0000, 0.0000,
0.0000

■ 39.7274, 54.7785,
54.9338

■ 39.7274, 54.7785,
54.9338

■ 36.6326, 53.2551,
51.5994

■ 43.4980, 56.6501,
58.4360

■ 34.1635, 52.0499,
48.4254

■ 47.9810, 58.8846,
62.1056

■ 32.2703, 51.1388,
45.4089


■ 53.2156, 61.5036,
65.9474


■ 30.8933, 50.4908,
42.5455


■ 59.2371, 64.5251,
69.9643


■ 29.9582, 50.0679,
39.8301


■ 66.0783, 67.9661,
74.1595

 29.6542, 49.9340,
38.7848

 73.7700, 71.8424,
78.5358

 78.9119, 74.4011,
82.9355

 79.7364, 74.7309,
87.2774

 80.5889, 75.0719,
91.7662

Harmonies

Analogous

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



41.9807, 54.7785, 39.1154



39.7274, 54.7785, 54.9338



40.5335, 54.7785, 76.0428

Triad

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



39.7274, 54.7785, 54.9338



57.5141, 54.7785, 103.1101



60.6994, 54.7785, 33.7207

Complementary

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



39.7274, 54.7785, 54.9338



38.4556, 28.3620, 29.0409

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.



65.5999, 54.7785, 45.7913



39.7274, 54.7785, 54.9338



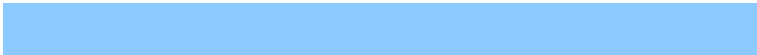
63.6479, 54.7785, 86.3325

Square

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



39.7274, 54.7785, 54.9338



50.3934, 54.7785, 107.1168



66.7249, 54.7785, 64.6170



53.7738, 54.7785, 28.7948

Rectangle

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



39.7274, 54.7785, 54.9338



42.7356, 54.7785, 90.1710



66.7249, 54.7785, 64.6170



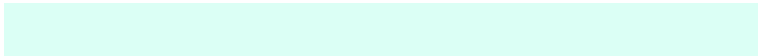
62.6627, 54.7785, 36.9260

Sweetspot

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



39.7289, 54.7807, 54.9351



81.5702, 93.2292, 100.2130



38.1778, 54.6474, 24.7564



17.0609, 19.7551, 21.1733



0.0000, 0.0000, 0.0000



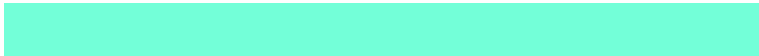
20.3446, 21.4041, 23.3091

Same Dimension

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



39.7289, 54.7807, 54.9351



55.2383, 80.1243, 77.7621



37.8806, 46.0478, 69.8449



12.6394, 14.0468, 15.1816



18.1585, 30.5187, 23.9281



1.1294, 1.8544, 1.6229

Inverse Universe

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



38.4556, 28.3620, 29.0409



53.1246, 35.7774, 34.4133



39.3739, 33.0596, 20.5265



12.5624, 12.4765, 13.6361



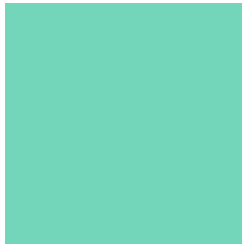
17.2765, 8.8469, 3.4943



1.0770, 0.5476, 0.3950

Previews

White Background



This preview shows how the XYZ color 39.7274, 54.7785, 54.9338 looks on a white background.

Color Contrast Check

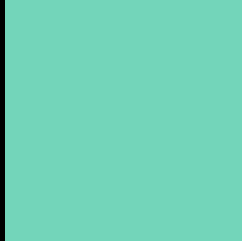
Large Text (above 18pt) WCAG AA × Fail

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 39.7274, 54.7785, 54.9338 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

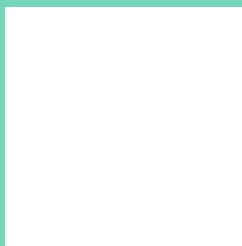
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.7274, 54.7785, 54.9338

Background



This preview shows how black text looks on a background with the XYZ color 39.7274, 54.7785, 54.9338.



This preview shows how white text looks on a background with the XYZ color 39.7274, 54.7785,

54.9338.

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

39.7274, 54.7785, 54.9338

Protanopia

51.4854, 54.2747, 48.8368

Deuteranopia

55.1187, 54.0242, 56.8129



Tritanopia

44.6146, 54.9292, 78.7720

Trichromacy



Original Color

39.7274, 54.7785, 54.9338



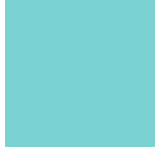
Protanomaly

45.7024, 53.6146, 51.1199



Deuteranomaly

47.5117, 53.0716, 55.8838



Tritanomaly

42.7055, 54.8839, 69.3156

Monochromacy



Original Color

39.7274, 54.7785, 54.9338



Achromatopsia

43.9204, 46.2077, 50.3202



Achromatomaly

41.5218, 48.7269, 52.0165

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7274, 54.7785, 54.9338 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(115, 213, 186)` looks like.

```
.text, #text, p{  
    color:rgb(115, 213, 186)  
}
```

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(115, 213, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 213, 186) }
```

Border

The CSS property to change the border of an element to XYZ 39.7274, 54.7785, 54.9338 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(115, 213, 186) }
```


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

```
.border{ border-color:rgb(115, 213, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 213, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 213, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 213, 186); box-shadow:4px 4px 4px 4px rgb(115, 213, 186) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7274, 54.7785, 54.9338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 213, 186) }
```

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

```
.background{ background-color: rgb(115,  
213, 186) }
```

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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