

Converting Colors

XYZ(39.0674, 53.0508, 54.0208)

Have a look what the booklet for
XYZ(39.0674, 53.0508, 54.0208)
contains.

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Color

**XYZ(39.0286, 52.9553,
54.0633)**

Conversions

Conversions Part 1

Format	Color
Hex	76D1B9
RGB	118, 209, 185
RGB Percent	46%, 82%, 73%
CMY	0.5372, 0.1804, 0.2745
CMYK	0.44, 0.00, 0.11, 0.18
HSL	164°, 50%, 64%
HSV	164°, 44%, 82%
XYZ	39.0286, 52.9553, 54.0633
YIQ	179.0550, -46.5320, -26.7560

Conversions

Conversions Part 2

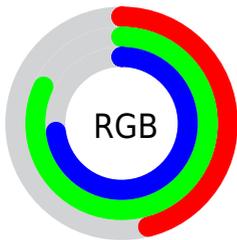
Format	Color
RYB	118, 170, 209
Decimal	7786937
CIELab	77.85, -32.88, 3.44
CIElCh	78, 33.063, 174.034
Yxy	52.9553, 0.2672, 0.3626
Android (android.graphics.Color)	4285977017 (0xFF76D1B9)
YUV	179.0550, 2.9309, -53.5452
Hunter-Lab	72.7704, -31.6141, 6.8910

Details

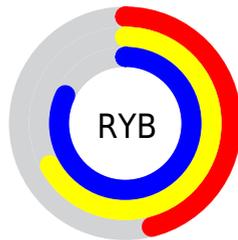
The XYZ color **39.0286, 52.9553, 54.0633** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **37.6572, 28.4665, 29.1029**, and the grayscale version is **42.8809, 45.1140, 49.1292**.

A 20% lighter version of the original color is **69.0927, 86.8695, 96.3450**, and **17.6449, 25.7692, 25.8738** is the 20% darker color. If you saturate the color by 10%, you get **35.9283, 51.4243, 50.9398**, and if you desaturate by 10%, it is **42.7832, 54.8237, 57.3375**.

Distribution



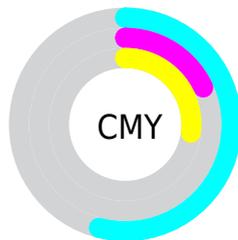
- Red (46%)
- Green (82%)
- Blue (73%)



- Red (46%)
- Yellow (67%)
- Blue (82%)



- Cyan (44%)
- Magenta (0%)
- Yellow (11%)
- Black (18%)



- Cyan (54%)
- Magenta (18%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.0286, 52.9553, 54.0633 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 39.0286, 52.9553, 54.0633 by changing the saturation by 10% instead.

 39.0286, 52.9553,
54.0633

 39.0286, 52.9553,
54.0633

333.2171,
398.1136, 419.5328

 26.9628, 37.7671,
38.2587

 72.9758, 94.5386,
97.6245

 17.6817, 25.8020,
25.8802

 95.5879, 121.7025,
126.2183

 10.8200, 16.6756,
16.5091

 122.4462,
153.6270, 159.9122

 6.0123, 10.0034,
9.7269

153.9159,
190.6966, 199.1248

 2.8933, 5.4012,
5.1150

190.3626,
233.2957, 244.2746

 1.0976, 2.4846,
2.2550

232.1514,

 0.0231, 0.8689,

281.8086, 295.7802

0.7058

279.6478,
336.6198, 354.0600

■ 0.0000, 0.0000,
0.0000

■ 39.0286, 52.9553,
54.0633

■ 39.0286, 52.9553,
54.0633

■ 35.9283, 51.4243,
50.9398

■ 42.7832, 54.8237,
57.3375

■ 33.4356, 50.2027,
47.9601

■ 47.2262, 57.0429,
60.7619

■ 31.5047, 49.2681,
45.1219

■ 52.3943, 59.6333,
64.3406

■ 30.0809, 48.5924,
42.4212

■ 58.3204, 62.6118,
68.0764

■ 29.0982, 48.1416,
39.8535

■ 65.0354, 65.9942,
71.9720

 28.6240, 47.9319,
38.2615

 72.5685, 69.7956,
76.0299

 77.4404, 72.2224,
80.0886

 78.1986, 72.5257,
84.0813

 78.9813, 72.8388,
88.2027

Harmonies

Analogous

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



40.9899, 52.9553, 39.2926



39.0286, 52.9553, 54.0633



39.8814, 52.9553, 73.2860

Triad

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



39.0286, 52.9553, 54.0633



55.5281, 52.9553, 96.3387



57.9340, 52.9553, 33.5225

Complementary

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



39.0286, 52.9553, 54.0633



37.6572, 28.4665, 29.1029

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.



62.4662, 52.9553, 44.4287



39.0286, 52.9553, 54.0633



60.9965, 52.9553, 81.0081

Square

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



39.0286, 52.9553, 54.0633



49.0606, 52.9553, 100.4409



63.6319, 52.9553, 61.4114



51.6260, 52.9553, 29.1659

Rectangle

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



39.0286, 52.9553, 54.0633



41.9710, 52.9553, 85.8817



63.6319, 52.9553, 61.4114



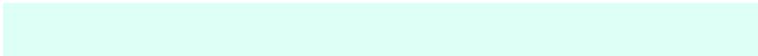
59.7365, 52.9553, 36.4156

Sweetspot

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



39.0301, 52.9574, 54.0645



82.5122, 93.6955, 101.1315



37.2732, 52.6856, 25.3451



17.2498, 19.8483, 21.3731



0.0000, 0.0000, 0.0000



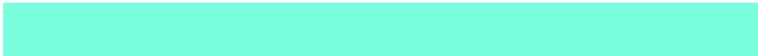
20.3446, 21.4041, 23.3091

Same Dimension

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



39.0301, 52.9574, 54.0645



56.7645, 80.8555, 80.3429



36.9148, 44.3237, 66.9339



12.0197, 13.3516, 14.4601



17.6905, 29.5691, 23.8138



1.0209, 1.6660, 1.4987

Inverse Universe

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



37.6572, 28.4665, 29.1029



54.3666, 37.7246, 36.4822



38.8326, 33.3976, 21.5400



11.9349, 11.8587, 12.9332



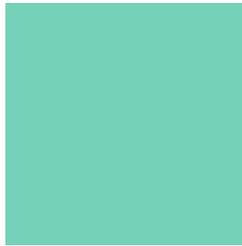
16.6744, 8.5426, 3.1916



0.9655, 0.4909, 0.3533

Previews

White Background



This preview shows how the XYZ color 39.0286, 52.9553, 54.0633 looks on a white background.

Color Contrast Check

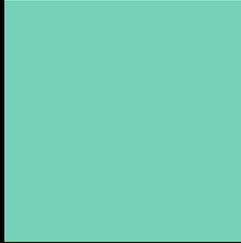
Large Text (above 18pt) WCAG AA × Fail

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 39.0286, 52.9553, 54.0633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

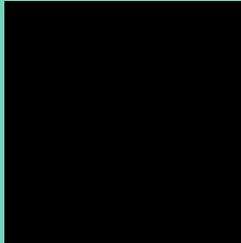
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

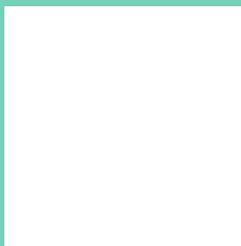
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.0286, 52.9553, 54.0633

Background



This preview shows how black text looks on a background with the XYZ color 39.0286, 52.9553, 54.0633.



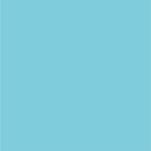
This preview shows how white text looks on a background with the XYZ color 39.0286, 52.9553,

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





Tritanopia

43.2635, 52.8651, 75.6339

Trichromacy



Original Color

39.0286, 52.9553, 54.0633



Protanomaly

44.9083, 52.1889, 50.3544



Deuteranomaly

46.5003, 51.5615, 55.0785



Tritanomaly

41.6460, 52.9327, 67.0535

Monochromacy



Original Color

39.0286, 52.9553, 54.0633



Achromatopsia

42.8472, 45.0786, 49.0906



Achromatomaly

40.6586, 47.3312, 50.7090

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0286, 52.9553, 54.0633 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(118, 209, 185)` looks like.

```
.text, #text, p{  
    color:rgb(118, 209, 185)  
}
```

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(118, 209, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 209, 185) }
```

Border

The CSS property to change the border of an element to XYZ 39.0286, 52.9553, 54.0633 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(118, 209, 185) }
```

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

```
.border{ border-color:rgb(118, 209, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 209, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 209, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 209, 185); box-shadow:4px 4px 4px 4px rgb(118, 209, 185) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0286, 52.9553, 54.0633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 209, 185) }
```

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

```
.background{ background-color: rgb(118,  
209, 185) }
```

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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