

Converting Colors

XYZ(35.8878, 49.1590, 39.1237)

Have a look what the booklet for
XYZ(35.8878, 49.1590, 39.1237)
contains.

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Color

**XYZ(35.8737, 49.1534,
39.0493)**

Conversions

Conversions Part 1

Format	Color
Hex	7FCA9C
RGB	127, 202, 156
RGB Percent	50%, 79%, 61%
CMY	0.5020, 0.2078, 0.3882
CMYK	0.37, 0.00, 0.23, 0.21
HSL	143°, 41%, 65%
HSV	143°, 37%, 79%
XYZ	35.8737, 49.1534, 39.0493
YIQ	174.3310, -29.9340, -30.2060

Conversions

Conversions Part 2

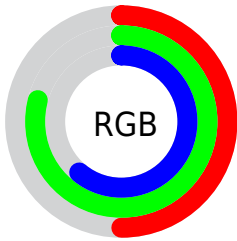
Format	Color
RYB	127, 181, 202
Decimal	8374940
CIELab	75.55, -33.26, 15.74
CIElCh	76, 36.796, 154.668
Yxy	49.1534, 0.2891, 0.3962
Android (android.graphics.Color)	4286565020 (0xFF7FCA9C)
YUV	174.3310, -9.0372, -41.5093
Hunter-Lab	70.1095, -31.3565, 16.0535

Details

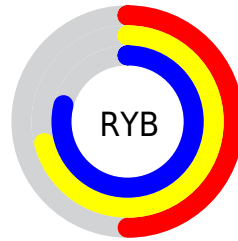
The XYZ color **35.8737, 49.1534, 39.0493** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **39.4910, 30.7536, 43.3918**, and the grayscale version is **40.4595, 42.5665, 46.3550**.

A 20% lighter version of the original color is **66.8093, 86.1682, 74.7389**, and **15.8076, 23.3432, 17.0371** is the 20% darker color. If you saturate the color by 10%, you get **32.1654, 47.3582, 33.6761**, and if you desaturate by 10%, it is **40.2948, 51.3064, 45.0167**.

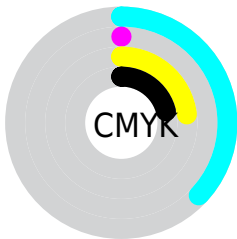
Distribution



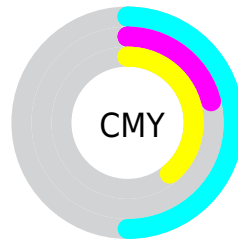
- Red (50%)
- Green (79%)
- Blue (61%)



- Red (50%)
- Yellow (71%)
- Blue (79%)



- Cyan (37%)
- Magenta (0%)
- Yellow (23%)
- Black (21%)



- Cyan (50%)
- Magenta (21%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.8737, 49.1534, 39.0493 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 35.8737, 49.1534, 39.0493 by changing the saturation by 10% instead.

■ 35.8737, 49.1534,
39.0493

■ 35.8737, 49.1534,
39.0493

319.8490,
383.3459, 357.5323

■ 24.5063, 34.7412,
26.4900

■ 68.1622, 88.9192,
74.9348

■ 15.8364, 23.4636,
16.9615

■ 89.8141, 115.0417,
99.0980

■ 9.4986, 14.9362,
10.0454

■ 115.6248,
145.8363, 127.9663

■ 5.1275, 8.7746,
5.3231

145.9598,
181.6874, 161.9582

■ 2.3578, 4.5945,
2.3760

181.1843,
222.9796, 201.4922

■ 0.8240, 2.0113,
0.7733

221.6638,

■ 0.0000, 0.6140,

270.0971, 246.9868

0.0000

267.7636,
323.4244, 298.8607

■ 0.0000, 0.0000,
0.0000

■ 35.8737, 49.1534,
39.0493

■ 35.8737, 49.1534,
39.0493

■ 32.1654, 47.3582,
33.6761

■ 40.2948, 51.3064,
45.0167

■ 29.1266, 45.8947,
28.8752

■ 45.4611, 53.8295,
51.5926

■ 26.7150, 44.7430,
24.6283


■ 51.4076, 56.7418,
58.7951


■ 24.8818, 43.8782,
20.9146


■ 58.1659, 60.0592,
66.6402


■ 23.5702, 43.2716,
17.7121


■ 65.7660, 63.7969,
75.1437

 22.7042, 42.8844,
14.9964

 74.2361, 67.9690,
84.3206

 22.5004, 42.7945,
14.3019

 78.4984, 69.9577,
93.9466

 80.4115, 70.7229,
104.0205

Harmonies

Analogous

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



39.6720, 49.1534, 28.2604



35.8737, 49.1534, 39.0493



34.8659, 49.1534, 56.6242

Triad

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



35.8737, 49.1534, 39.0493



47.7906, 49.1534, 100.1647



58.3134, 49.1534, 34.9271

Complementary

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



35.8737, 49.1534, 39.0493



39.4910, 30.7536, 43.3918

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.



60.9931, 49.1534, 50.5308



35.8737, 49.1534, 39.0493



54.5544, 49.1534, 90.5839

Square

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



35.8737, 49.1534, 39.0493



41.3471, 49.1534, 94.9797



59.5552, 49.1534, 71.1848



52.5367, 49.1534, 26.3165

Rectangle

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



35.8737, 49.1534, 39.0493



35.8201, 49.1534, 70.7109



59.5552, 49.1534, 71.1848



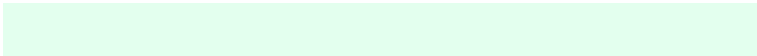
59.6304, 49.1534, 39.3684

Sweetspot

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



35.8750, 49.1554, 39.0504



82.8254, 94.0038, 94.5108



42.2419, 52.6884, 28.0228



17.4308, 19.9751, 19.8696



0.0000, 0.0000, 0.0000



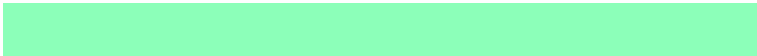
20.3446, 21.4041, 23.3091

Same Dimension

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



35.8750, 49.1554, 39.0504



55.3341, 80.6039, 58.3299



39.5281, 50.6167, 58.2872



11.2446, 12.6076, 12.8455



14.5187, 27.5528, 9.4166



0.7859, 1.4362, 0.6799

Inverse Universe

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



39.4910, 30.7536, 43.3918



62.3663, 44.7740, 66.7411



36.3741, 29.5068, 26.9785



11.4966, 11.3274, 13.1496



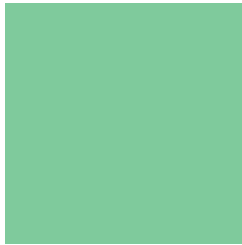
18.0551, 9.0326, 13.2745



0.9679, 0.4806, 0.8768

Previews

White Background



This preview shows how the XYZ color 35.8737, 49.1534, 39.0493 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 35.8737, 49.1534, 39.0493 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 35.8737, 49.1534, 39.0493

Background



This preview shows how black text looks on a background with the XYZ color 35.8737, 49.1534, 39.0493.



This preview shows how white text looks on a background with the XYZ color 35.8737, 49.1534,

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

35.8737, 49.1534, 39.0493

Protanopia

45.7202, 48.7064, 35.0085

Deuteranopia

49.5048, 48.4110, 40.4533



Tritanopia

41.7954, 49.1723, 68.2611

Trichromacy



Original Color

35.8737, 49.1534, 39.0493

Protanomaly

41.2300, 48.2666, 36.4215

Deuteranomaly

43.0844, 47.8676, 39.7695

Tritanomaly

39.4800, 49.2568, 56.1419

Monochromacy



Original Color

35.8737, 49.1534, 39.0493

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

38.0202, 44.2391, 43.0943

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8737, 49.1534, 39.0493 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(127, 202, 156)` looks like.

```
.text, #text, p{  
    color:rgb(127, 202, 156)  
}
```

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(127, 202, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 202, 156) }
```

Border

The CSS property to change the border of an element to XYZ 35.8737, 49.1534, 39.0493 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(127, 202, 156) }
```


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

```
.border{ border-color:rgb(127, 202, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 202, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 202, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 202, 156);  
box-shadow:4px 4px 4px 4px rgb(127, 202,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8737, 49.1534, 39.0493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 202, 156) }
```

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

```
.background{ background-color: rgb(127,  
202, 156) }
```

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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