

Converting Colors

XYZ(39.3180, 51.1807, 35.4712)

Have a look what the booklet for
XYZ(39.3180, 51.1807, 35.4712)
contains.

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Color

**XYZ(39.1495, 50.9270,
35.3703)**

Conversions

Conversions Part 1

Format	Color
Hex	97CA93
RGB	151, 202, 147
RGB Percent	59%, 79%, 58%
CMY	0.4078, 0.2078, 0.4235
CMYK	0.25, 0.00, 0.27, 0.21
HSL	116°, 34%, 68%
HSV	116°, 27%, 79%
XYZ	39.1495, 50.9270, 35.3703
YIQ	180.4810, -12.7410, -27.9170

Conversions

Conversions Part 2

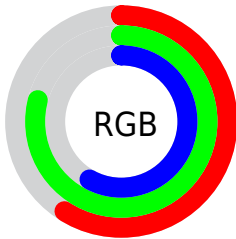
Format	Color
RYB	147, 202, 198
Decimal	9947795
CIELab	76.63, -27.27, 22.23
CIELCh	77, 35.181, 140.812
Yxy	50.9270, 0.3121, 0.4060
Android (android.graphics.Color)	4288137875 (0xFF97CA93)
YUV	180.4810, -16.5061, -25.8548
Hunter-Lab	71.3632, -26.9612, 20.5678

Details

The XYZ color **39.1495, 50.9270, 35.3703** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **44.3854, 37.1391, 60.7090**, and the grayscale version is **43.7331, 46.0107, 50.1056**.

A 20% lighter version of the original color is **71.7562, 88.8589, 68.6279**, and **17.8468, 24.6770, 14.8888** is the 20% darker color. If you saturate the color by 10%, you get **34.4972, 48.6975, 27.5923**, and if you desaturate by 10%, it is **44.6352, 53.5569, 44.6424**.

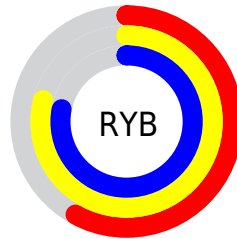
Distribution



Red (59%)

Green (79%)

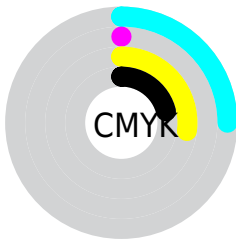
Blue (58%)



Red (58%)

Yellow (79%)

Blue (78%)

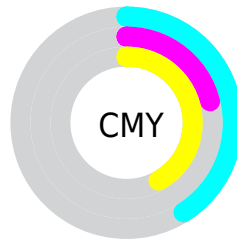


Cyan (25%)

Magenta (0%)

Yellow (27%)

Black (21%)



Cyan (41%)

Magenta (21%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.1495, 50.9270, 35.3703 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 39.1495, 50.9270, 35.3703 by changing the saturation by 10% instead.

■ 39.1495, 50.9270,
35.3703

■ 39.1495, 50.9270,
35.3703

333.7219,
390.2801, 341.1536

■ 27.0573, 36.1505,
23.6624

■ 73.1593, 91.5469,
69.2171

■ 17.7531, 24.5505,
14.8735

■ 95.8075, 118.1590,
92.1931

■ 10.8715, 15.7425,
8.5850

122.7052,
149.4852, 119.7622

■ 6.0471, 9.3421,
4.3784

154.2176,
185.9098, 152.3430

■ 2.9147, 4.9650,
1.8352

190.7101,
227.8172, 190.3540

■ 1.1088, 2.2267,
0.4510

232.5481,

■ 0.0325, 0.7345,

275.5918, 234.2137

0.0000

280.0969,
329.6179, 284.3407

■ 0.0000, 0.0000,
0.0000

■ 39.1495, 50.9270,
35.3703

■ 39.1495, 50.9270,
35.3703

■ 34.4972, 48.6975,
27.5923

■ 44.6352, 53.5569,
44.6424

■ 30.6338, 46.8427,
21.2271

■ 50.9881, 56.5987,
55.4774

■ 27.5166, 45.3440,
16.1910

■ 58.2450, 60.0714,
67.9440

■ 25.0972, 44.1784,
12.3898

■ 66.4394, 63.9908,
82.1058

■ 23.3216, 43.3203,
9.7172

■ 75.6031, 68.3721,
98.0228

■ 22.1278, 42.7406,
8.0491

■ 80.4116, 70.7231,
104.0205

■ 21.4383, 42.4028,
7.2154

■ 21.3135, 42.3421,
7.0495

Harmonies

Analogous

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



43.9994, 50.9270, 27.7671



39.1495, 50.9270, 35.3703



36.8407, 50.9270, 49.8032

Triad

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



39.1495, 50.9270, 35.3703



46.3902, 50.9270, 100.0598



61.3766, 50.9270, 43.4238

Complementary

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



39.1495, 50.9270, 35.3703



44.3854, 37.1391, 60.7090

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.



62.1656, 50.9270, 61.5101



39.1495, 50.9270, 35.3703



53.0944, 50.9270, 97.2398

Square

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



39.1495, 50.9270, 35.3703



40.7617, 50.9270, 88.9770



59.0142, 50.9270, 81.9766



56.9476, 50.9270, 31.6225

Rectangle

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



39.1495, 50.9270, 35.3703



36.8933, 50.9270, 62.6126



59.0142, 50.9270, 81.9766



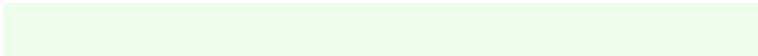
62.0913, 50.9270, 48.8572

Sweetspot

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



39.1508, 50.9292, 35.3714



85.3173, 95.3422, 92.2008



49.6869, 54.7877, 35.5609



17.8938, 20.2312, 19.1062



0.0000, 0.0000, 0.0000



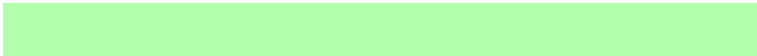
20.3446, 21.4041, 23.3091

Same Dimension

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



39.1508, 50.9292, 35.3714



61.2205, 83.7979, 51.4011



40.4026, 51.3456, 45.7716



11.1423, 12.5753, 11.9194



13.7431, 27.2602, 4.5374



0.7359, 1.4202, 0.2353

Inverse Universe

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



44.3854, 37.1391, 60.7090



71.6095, 56.4073, 101.7212



42.9378, 36.6834, 47.5114



11.6039, 11.3606, 14.1516



20.1293, 9.5846, 36.7453



1.0631, 0.5071, 1.8968

Previews

White Background



This preview shows how the XYZ color 39.1495, 50.9270, 35.3703 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 39.1495, 50.9270, 35.3703 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

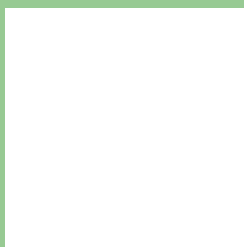
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.1495, 50.9270, 35.3703

Background



This preview shows how black text looks on a background with the XYZ color 39.1495, 50.9270, 35.3703.



This preview shows how white text looks on a background with the XYZ color 39.1495, 50.9270,

35.3703.

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

39.1495, 50.9270, 35.3703

Protanopia

47.1481, 50.4461, 32.4514

Deuteranopia

51.3232, 50.3422, 36.2901



Tritanopia

45.7007, 50.8684, 67.7315

Trichromacy



Original Color

39.1495, 50.9270, 35.3703

Protanomaly

43.5563, 50.1904, 33.3786

Deuteranomaly

45.9508, 50.0665, 36.0961

Tritanomaly

42.9297, 50.7468, 53.9868

Monochromacy



Original Color

39.1495, 50.9270, 35.3703

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

41.4133, 47.2286, 43.9791

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1495, 50.9270, 35.3703 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(151, 202, 147)` looks like.

```
.text, #text, p{  
    color:rgb(151, 202, 147)  
}
```

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(151, 202, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 202, 147) }
```

Border

The CSS property to change the border of an element to XYZ 39.1495, 50.9270, 35.3703 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(151, 202, 147) }
```


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

```
.border{ border-color:rgb(151, 202, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 202, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 202, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 202, 147); box-shadow:4px 4px 4px 4px rgb(151, 202, 147) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1495, 50.9270, 35.3703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 202, 147) }
```

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

```
.background{ background-color: rgb(151,  
202, 147) }
```

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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