

Converting Colors

XYZ(39.0066, 50.9536, 36.3176)

Have a look what the booklet for
XYZ(39.0066, 50.9536, 36.3176)
contains.

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Color

**XYZ(38.9398, 50.8005,
36.1869)**

Conversions

Conversions Part 1

Format	Color
Hex	95CA95
RGB	149, 202, 149
RGB Percent	58%, 79%, 58%
CMY	0.4157, 0.2078, 0.4157
CMYK	0.26, 0.00, 0.26, 0.21
HSL	120°, 33%, 69%
HSV	120°, 26%, 79%
XYZ	38.9398, 50.8005, 36.1869
YIQ	180.1110, -14.5750, -27.7190

Conversions

Conversions Part 2

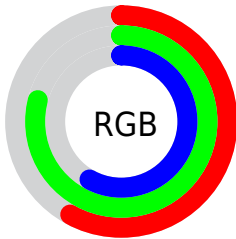
Format	Color
RYB	149, 202, 202
Decimal	9816725
CIELab	76.56, -27.60, 21.05
CIELCh	77, 34.712, 142.674
Yxy	50.8005, 0.3092, 0.4034
Android (android.graphics.Color)	4288006805 (0xFF95CA95)
YUV	180.1110, -15.3377, -27.2843
Hunter-Lab	71.2745, -27.2094, 19.7899

Details

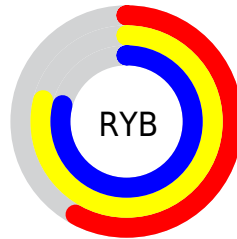
The XYZ color **38.9398, 50.8005, 36.1869** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **45.7670, 38.3169, 60.8631**, and the grayscale version is **43.5285, 45.7954, 49.8712**.

A 20% lighter version of the original color is **71.4413, 88.6692, 69.8494**, and **17.7243, 24.6030, 15.3700** is the 20% darker color. If you saturate the color by 10%, you get **34.0938, 48.4742, 28.2593**, and if you desaturate by 10%, it is **44.7074, 53.5725, 45.6199**.

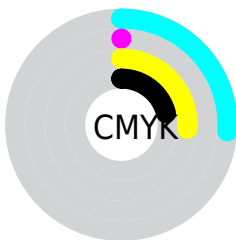
Distribution



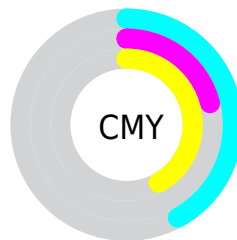
- Red (58%)
- Green (79%)
- Blue (58%)



- Red (58%)
- Yellow (79%)
- Blue (79%)



- Cyan (26%)
- Magenta (0%)
- Yellow (26%)
- Black (21%)



- Cyan (42%)
- Magenta (21%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.9398, 50.8005, 36.1869 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 38.9398, 50.8005, 36.1869 by changing the saturation by 10% instead.

■ 38.9398, 50.8005,
36.1869

■ 38.9398, 50.8005,
36.1869

332.8461,
389.7882, 344.8388

■ 26.8934, 36.0499,
24.2877

■ 72.8410, 91.3598,
70.4927

■ 17.6294, 24.4727,
15.3330

■ 95.4265, 117.9373,
93.7365

■ 10.7823, 15.6846,
8.9042

122.2558,
149.2258, 121.5989

■ 5.9868, 9.3013,
4.5828

153.6942,
185.6098, 154.4984

■ 2.8777, 4.9382,
1.9502

190.1071,
227.4736, 192.8536

■ 1.0894, 2.2111,
0.5244

231.8598,

■ 0.0162, 0.7260,

275.2017, 237.0830

0.0000

279.3176,
329.1784, 287.6053

■ 0.0000, 0.0000,
0.0000

■ 38.9398, 50.8005,
36.1869

■ 38.9398, 50.8005,
36.1869

■ 34.0938, 48.4742,
28.2593

■ 44.7074, 53.5725,
45.6199

■ 30.1180, 46.5645,
21.7562

■ 51.4367, 56.8049,
56.6268

■ 26.9621, 45.0485,
16.5941

■ 59.1702, 60.5197,
69.2763

■ 24.5689, 43.8989,
12.6795

■ 67.9467, 64.7355,
83.6318

■ 22.8739, 43.0847,
9.9070

■ 77.8029, 69.4699,
99.7534

■ 21.8021, 42.5699,
8.1539

■ 80.4115, 70.7230,
104.0205

■ 21.2582, 42.3087,
7.2642

■ 21.1215, 42.2430,
7.0405

Harmonies

Analogous

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



43.5872, 50.8005, 28.2456



38.9398, 50.8005, 36.1869



36.8318, 50.8005, 50.8369

Triad

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



38.9398, 50.8005, 36.1869



46.6950, 50.8005, 99.3916



60.8720, 50.8005, 42.5333

Complementary

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



38.9398, 50.8005, 36.1869



45.7670, 38.3169, 60.8631

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.



61.8943, 50.8005, 60.0446



38.9398, 50.8005, 36.1869



53.3074, 50.8005, 95.7495

Square

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



38.9398, 50.8005, 36.1869



41.0385, 50.8005, 89.2660



59.0157, 50.8005, 80.2124



56.3365, 50.8005, 31.2893

Rectangle

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



38.9398, 50.8005, 36.1869



37.0026, 50.8005, 63.6162



59.0157, 50.8005, 80.2124



61.6537, 50.8005, 47.7659

Sweetspot

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



38.9411, 50.8027, 36.1880



84.8267, 95.0892, 92.1780



50.9046, 56.9701, 36.7477



17.7717, 20.1682, 19.1005



0.0000, 0.0000, 0.0000



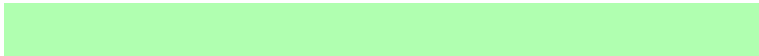
20.3446, 21.4041, 23.3091

Same Dimension

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



38.9411, 50.8027, 36.1880



61.4848, 83.8769, 53.9980



41.3035, 51.7476, 48.6282



11.0681, 12.5370, 11.9160



13.5908, 27.1816, 4.5303



0.7011, 1.4023, 0.2337

Inverse Universe

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



45.7670, 38.3169, 60.8631



74.8054, 59.5110, 102.1513



42.8932, 37.1674, 45.7301



11.6876, 11.4038, 14.1555



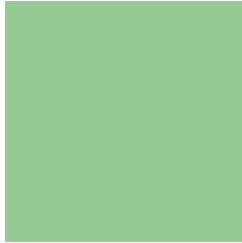
22.5334, 10.8240, 36.8572



1.1625, 0.5584, 1.9014

Previews

White Background



This preview shows how the XYZ color 38.9398, 50.8005, 36.1869 looks on a white background.

Color Contrast Check

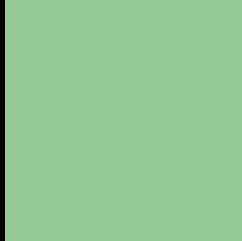
Large Text (above 18pt) WCAG AA × Fail

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 38.9398, 50.8005, 36.1869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

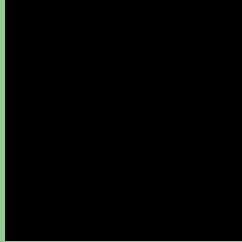
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.9398, 50.8005, 36.1869

Background



This preview shows how black text looks on a background with the XYZ color 38.9398, 50.8005, 36.1869.



This preview shows how white text looks on a background with the XYZ color 38.9398, 50.8005,

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

38.9398, 50.8005, 36.1869

Protanopia

47.0285, 50.3671, 33.2298

Deuteranopia

51.1871, 50.2531, 37.1390



Tritanopia

45.4218, 50.7103, 68.3668

Trichromacy



Original Color

38.9398, 50.8005, 36.1869

Protanomaly

43.4722, 50.1293, 34.1728

Deuteranomaly

45.8574, 49.9996, 36.9397

Tritanomaly

42.7537, 50.6313, 55.0964

Monochromacy



Original Color

38.9398, 50.8005, 36.1869

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

41.5068, 47.2660, 44.4717

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9398, 50.8005, 36.1869 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(149, 202, 149)` looks like.

```
.text, #text, p{  
    color:rgb(149, 202, 149)  
}
```

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(149, 202, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 202, 149) }
```

Border

The CSS property to change the border of an element to XYZ 38.9398, 50.8005, 36.1869 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(149, 202, 149) }
```


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

```
.border{ border-color:rgb(149, 202, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 202, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(149, 202, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(149, 202, 149); box-shadow:4px 4px 4px 4px rgb(149, 202, 149) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9398, 50.8005, 36.1869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 202, 149) }
```

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

```
.background{ background-color: rgb(149,  
202, 149) }
```

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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