

Converting Colors

XYZ(39.5281, 47.5171, 40.8820)

Have a look what the booklet for
XYZ(39.5281, 47.5171, 40.8820)
contains.

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Color

**XYZ(39.5807, 47.6434,
40.8282)**

Conversions

Conversions Part 1

Format	Color
Hex	9FC0A1
RGB	159, 192, 161
RGB Percent	62%, 75%, 63%
CMY	0.3765, 0.2470, 0.3686
CMYK	0.17, 0.00, 0.16, 0.25
HSL	124°, 21%, 69%
HSV	124°, 17%, 75%
XYZ	39.5807, 47.6434, 40.8282
YIQ	178.5990, -9.7170, -16.6370

Conversions

Conversions Part 2

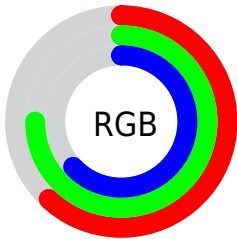
Format	Color
RYB	159, 190, 192
Decimal	10469537
CIELab	74.60, -17.13, 11.98
CIELCh	75, 20.910, 145.030
Yxy	47.6434, 0.3091, 0.3721
Android (android.graphics.Color)	4288659617 (0xFF9FC0A1)
YUV	178.5990, -8.6763, -17.1883
Hunter-Lab	69.0242, -18.4347, 13.2466

Details

The XYZ color **39.5807, 47.6434, 40.8282** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **43.4322, 39.7215, 54.0951**, and the grayscale version is **42.6838, 44.9067, 48.9034**.

A 20% lighter version of the original color is **73.6936, 86.3888, 77.7564**, and **17.9122, 22.4069, 17.8489** is the 20% darker color. If you saturate the color by 10%, you get **34.5875, 45.2414, 32.8823**, and if you desaturate by 10%, it is **45.3974, 50.4462, 50.0124**.

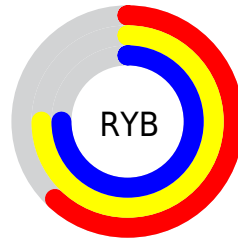
Distribution



Red (62%)

Green (75%)

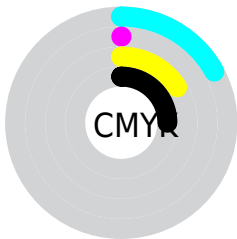
Blue (63%)



Red (62%)

Yellow (75%)

Blue (75%)

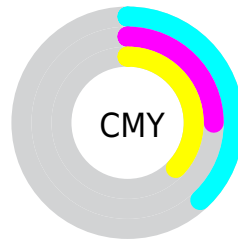


Cyan (17%)

Magenta (0%)

Yellow (16%)

Black (25%)



Cyan (38%)

Magenta (25%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.5807, 47.6434, 40.8282 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 39.5807, 47.6434, 40.8282 by changing the saturation by 10% instead.

■ 39.5807, 47.6434,
40.8282

■ 39.5807, 47.6434,
40.8282

335.5179,
377.3769, 365.2574

■ 27.3945, 33.5446,
27.8662

■ 73.8130, 86.6732,
77.6739

■ 18.0079, 22.5440,
17.9866

■ 96.5898, 112.3730,
102.3946

■ 11.0554, 14.2571,
10.7711

123.6276,
142.7086, 131.8720

■ 6.1716, 8.2997,
5.8009

155.2917,
178.0643, 166.5245

■ 2.9914, 4.2873,
2.6576

191.9474,
218.8246, 206.7708

■ 1.1492, 1.8356,
0.9219

233.9601,

■ 0.0657, 0.5092,

265.3739, 253.0293

0.0000

281.6951,
318.0965, 305.7187

■ 0.0000, 0.0000,
0.0000

■ 39.5807, 47.6434,
40.8282

■ 39.5807, 47.6434,
40.8282

■ 34.5875, 45.2414,
32.8823

■ 45.3974, 50.4462,
50.0124

■ 30.3769, 43.2161,
26.1187

■ 52.0685, 53.6604,
60.4813

■ 26.9104, 41.5502,
20.4819

■ 59.6277, 57.3040,
72.2829

■ 24.1447, 40.2228,
15.9107

■ 68.1062, 61.3919,
85.4615

■ 22.0319, 39.2105,
12.3380

■ 77.5322, 65.9378,
100.0598

■ 20.5182, 38.4872,
9.6894

■ 78.1406, 66.1811,
103.2635

■ 19.5412, 38.0226,
7.8796

■ 19.0171, 37.7755,
6.8076

■ 18.9147, 37.7268,
6.6215

Harmonies

Analogous

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



42.2753, 47.6434, 35.1967



39.5807, 47.6434, 40.8282



38.4167, 47.6434, 50.0915

Triad

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



39.5807, 47.6434, 40.8282



44.6563, 47.6434, 75.5200



52.1994, 47.6434, 43.5516

Complementary

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



39.5807, 47.6434, 40.8282



43.4322, 39.7215, 54.0951

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.



52.9237, 47.6434, 53.7015



39.5807, 47.6434, 40.8282



48.4314, 47.6434, 73.1333

Square

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



39.5807, 47.6434, 40.8282



41.2412, 47.6434, 70.8873



51.5096, 47.6434, 64.7550



49.5820, 47.6434, 36.6088

Rectangle

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



39.5807, 47.6434, 40.8282



38.6155, 47.6434, 57.4674



51.5096, 47.6434, 64.7550



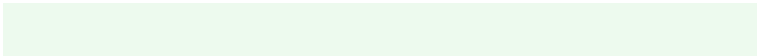
52.6783, 47.6434, 46.6588

Sweetspot

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



39.5820, 47.6454, 40.8292



84.6715, 92.5660, 94.4185



46.4324, 51.1972, 40.2361



17.9889, 19.7737, 19.9793



92.9021, 97.7402, 106.4391



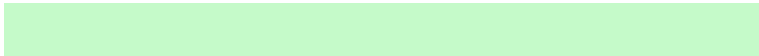
19.4759, 20.4902, 22.3138

Same Dimension

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



39.5820, 47.6454, 40.8292



67.7868, 84.4347, 67.7382



41.0999, 48.2526, 48.8223



9.9686, 11.2685, 10.8382



12.7371, 25.3889, 4.5089



0.5590, 1.1005, 0.2407

Inverse Universe

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



43.4322, 39.7215, 54.0951



76.1956, 67.1275, 96.7092



41.7632, 39.0538, 45.3060



10.4701, 10.2366, 12.5660



20.2062, 9.7722, 30.0616



0.8812, 0.4255, 1.3417

Previews

White Background



This preview shows how the XYZ color 39.5807, 47.6434, 40.8282 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 39.5807, 47.6434, 40.8282 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

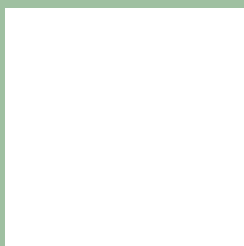
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.5807, 47.6434, 40.8282

Background



This preview shows how black text looks on a background with the XYZ color 39.5807, 47.6434, 40.8282.



This preview shows how white text looks on a background with the XYZ color 39.5807, 47.6434,

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

39.5807, 47.6434, 40.8282

Protanopia

44.9266, 47.6047, 38.2732

Deuteranopia

48.4354, 47.5345, 41.7442



Tritanopia

43.8274, 47.4418, 62.1056

Trichromacy



Original Color

39.5807, 47.6434, 40.8282

Protanomaly

42.7865, 47.4102, 39.2437

Deuteranomaly

44.5740, 47.0474, 41.3821

Tritanomaly

41.9504, 47.2981, 53.3728

Monochromacy



Original Color

39.5807, 47.6434, 40.8282

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

41.6001, 46.0302, 45.7219

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5807, 47.6434, 40.8282 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(159, 192, 161)` looks like.

```
.text, #text, p{  
    color:rgb(159, 192, 161)  
}
```

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(159, 192, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 192, 161) }
```

Border

The CSS property to change the border of an element to XYZ 39.5807, 47.6434, 40.8282 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(159, 192, 161) }
```


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

```
.border{ border-color:rgb(159, 192, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 192, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 192, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 192, 161);  
box-shadow:4px 4px 4px 4px rgb(159, 192,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5807, 47.6434, 40.8282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 192, 161) }
```

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

```
.background{ background-color: rgb(159,  
192, 161) }
```

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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