

Converting Colors

XYZ(39.1842, 47.6489, 38.1645)

Have a look what the booklet for
XYZ(39.1842, 47.6489, 38.1645)
contains.

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Color

**XYZ(39.0641, 47.4368,
38.1077)**

Conversions

Conversions Part 1

Format	Color
Hex	9FC09B
RGB	159, 192, 155
RGB Percent	62%, 75%, 61%
CMY	0.3765, 0.2470, 0.3922
CMYK	0.17, 0.00, 0.19, 0.25
HSL	114°, 23%, 68%
HSV	114°, 19%, 75%
XYZ	39.0641, 47.4368, 38.1077
YIQ	177.9150, -7.7910, -18.5030

Conversions

Conversions Part 2

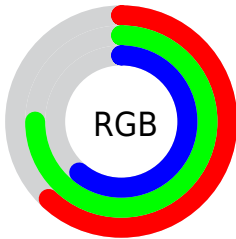
Format	Color
RYB	155, 192, 188
Decimal	10469531
CIELab	74.47, -18.20, 15.04
CIELCh	74, 23.608, 140.440
Yxy	47.4368, 0.3135, 0.3807
Android (android.graphics.Color)	4288659611 (0xFF9FC09B)
YUV	177.9150, -11.2971, -16.5885
Hunter-Lab	68.8744, -19.2887, 15.4073

Details

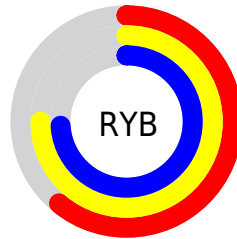
The XYZ color **39.0641, 47.4368, 38.1077** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **41.9769, 37.9413, 54.9827**, and the grayscale version is **42.3338, 44.5385, 48.5024**.

A 20% lighter version of the original color is **72.9318, 86.0841, 73.7447**, and **17.6506, 22.3022, 16.4712** is the 20% darker color. If you saturate the color by 10%, you get **34.4144, 45.2129, 30.1317**, and if you desaturate by 10%, it is **44.4433, 50.0099, 47.4583**.

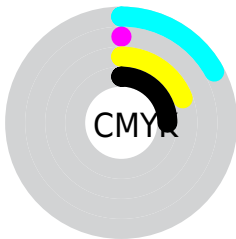
Distribution



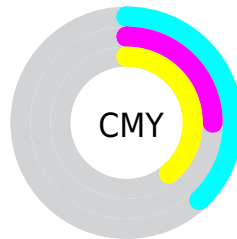
- Red (62%)
- Green (75%)
- Blue (61%)



- Red (61%)
- Yellow (75%)
- Blue (74%)



- Cyan (17%)
- Magenta (0%)
- Yellow (19%)
- Black (25%)





- Cyan (38%)
- Magenta (25%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.0641, 47.4368, 38.1077 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 39.0641, 47.4368, 38.1077 by changing the saturation by 10% instead.


 39.0641, 47.4368,
38.1077


 39.0641, 47.4368,
38.1077


333.3654,
376.5554, 353.3938

 26.9905, 33.3811,
25.7638


 73.0297, 86.3653,
73.4784

 17.7027, 22.4185,
16.4228


 95.6524, 112.0068,
97.3424

 10.8351, 14.1648,
9.6663

122.5222,
142.2791, 125.8834

 6.0226, 8.2354,
5.0756

154.0045,
177.5665, 159.5200

 2.8996, 4.2459,
2.2321

190.4646,
218.2534, 198.6709

 1.1009, 1.8121,
0.6928

232.2679,

 0.0259, 0.4947,

264.7243, 243.7544

0.0000

279.7797,
317.3635, 295.1892

0.0000, 0.0000,
0.0000

39.0641, 47.4368,
38.1077

39.0641, 47.4368,
38.1077

34.4144, 45.2129,
30.1317

44.4433, 50.0099,
47.4583

30.4591, 43.3174,
23.4626

50.5777, 52.9400,
58.2406

27.1658, 41.7364,
18.0315

57.4963, 56.2422,
70.5124

24.4981, 40.4529,
13.7624

65.2254, 59.9289,
84.3273

22.4161, 39.4481,
10.5704

73.7902, 64.0120,
99.7364

■ 20.8750, 38.7010,
8.3594

■ 78.1406, 66.1812,
103.2635

■ 19.8236, 38.1876,
7.0162

■ 19.1891, 37.8748,
6.3394

■ 19.1546, 37.8579,
6.2978

Harmonies

Analogous

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



42.2876, 47.4368, 32.6443



39.0641, 47.4368, 38.1077



37.4846, 47.4368, 47.8527

Triad

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



39.0641, 47.4368, 38.1077



43.7409, 47.4368, 78.4005



53.2040, 47.4368, 43.8858

Complementary

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



39.0641, 47.4368, 38.1077



41.9769, 37.9413, 54.9827

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.



53.6540, 47.4368, 55.6444



39.0641, 47.4368, 38.1077



48.0079, 47.4368, 76.8902

Square

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



39.0641, 47.4368, 38.1077



40.0704, 47.4368, 71.9231



51.6997, 47.4368, 68.0731



50.5063, 47.4368, 35.5977

Rectangle

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



39.0641, 47.4368, 38.1077



37.5039, 47.4368, 56.0178



51.6997, 47.4368, 68.0731



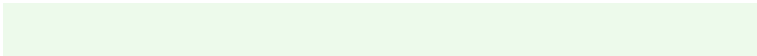
53.6295, 47.4368, 47.5165

Sweetspot

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



39.0654, 47.4388, 38.1087



83.9035, 92.2249, 91.9051



45.5724, 49.4067, 38.1456



17.8477, 19.7125, 19.4493



92.9021, 97.7402, 106.4391



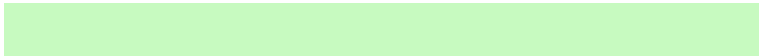
19.4759, 20.4902, 22.3138

Same Dimension

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



39.0654, 47.4388, 38.1087



67.1723, 84.2259, 62.8321



39.5474, 47.5415, 44.7198



10.0433, 11.3098, 10.7155



12.9215, 25.4901, 4.2391



0.5929, 1.1192, 0.1848

Inverse Universe

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



41.9769, 37.9413, 54.9827



73.3824, 63.9585, 98.8378



41.4788, 37.8574, 47.1458



10.3866, 10.1905, 12.7044



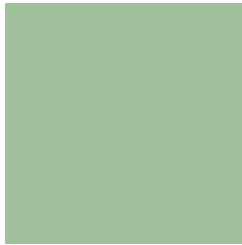
17.7798, 8.4262, 34.2459



0.7995, 0.3802, 1.4811

Previews

White Background



This preview shows how the XYZ color 39.0641, 47.4368, 38.1077 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 39.0641, 47.4368, 38.1077 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 39.0641, 47.4368, 38.1077

Background



This preview shows how black text looks on a background with the XYZ color 39.0641, 47.4368, 38.1077.



This preview shows how white text looks on a background with the XYZ color 39.0641, 47.4368,

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

39.0641, 47.4368, 38.1077

Protanopia

44.2253, 46.9954, 35.5943

Deuteranopia

47.9914, 47.0746, 38.9046



Tritanopia

44.0379, 47.5503, 62.1154

Trichromacy



Original Color

39.0641, 47.4368, 38.1077

Protanomaly

42.2825, 47.2086, 36.5894

Deuteranomaly

44.2996, 46.9666, 38.6289

Tritanomaly

41.9448, 47.3196, 52.2703

Monochromacy



Original Color

39.0641, 47.4368, 38.1077

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

40.9838, 45.4272, 44.6385

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0641, 47.4368, 38.1077 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, 155)` looks like.

```
.text, #text, p{  
    color:rgb(159, 192, 155)  
}
```

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, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 192, 155) }
```

Border

The CSS property to change the border of an element to XYZ 39.0641, 47.4368, 38.1077 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, 155) }
```


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

```
.border{ border-color:rgb(159, 192, 155) }
```

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, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 192, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 192, 155);  
box-shadow:4px 4px 4px 4px rgb(159, 192,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0641, 47.4368, 38.1077 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, 155) }
```

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

```
.background{ background-color: rgb(159,  
192, 155) }
```

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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