

Converting Colors

XYZ(38.0484, 47.0124, 36.9726)

Have a look what the booklet for
XYZ(38.0484, 47.0124, 36.9726)
contains.

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Color

**XYZ(38.0347, 46.9348,
36.7605)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 9BC098 |
| RGB | 155, 192, 152 |
| RGB Percent | 61%, 75%, 60% |
| CMY | 0.3922, 0.2470, 0.4039 |
| CMYK | 0.19, 0.00, 0.21, 0.25 |
| HSL | 116°, 24%, 67% |
| HSV | 116°, 21%, 75% |
| XYZ | 38.0347, 46.9348, 36.7605 |
| YIQ | 176.3770, -9.2120, -20.2840 |

Conversions

Conversions Part 2

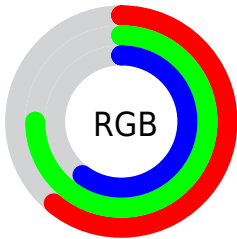
| Format | Color |
|-------------------------------------|--|
| RYB | 152, 192, 189 |
| Decimal | 10207384 |
| CIELab | 74.15, -20.11, 16.16 |
| CIELCh | 74, 25.805, 141.214 |
| Yxy | 46.9348, 0.3125, 0.3856 |
| Android (android.graphics.Color) | 4288397464 (0xFF9BC098) |
| YUV | 176.3770, -12.0179, -18.7476 |
| Hunter-Lab | 68.5090, -20.7914, 16.1425 |

Details

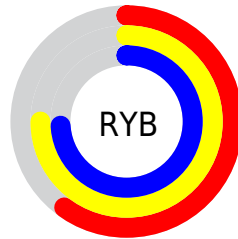
The XYZ color **38.0347, 46.9348, 36.7605** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **41.7309, 37.0824, 54.8297**, and the grayscale version is **41.5289, 43.6916, 47.5802**.

A 20% lighter version of the original color is **71.5946, 85.9092, 71.2012**, and **17.0310, 22.0001, 15.6607** is the 20% darker color. If you saturate the color by 10%, you get **33.4264, 44.7277, 28.9900**, and if you desaturate by 10%, it is **43.4015, 49.5062, 45.8974**.

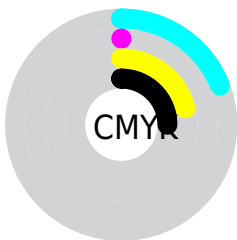
Distribution



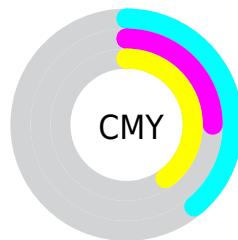
- Red (61%)
- Green (75%)
- Blue (60%)



- Red (60%)
- Yellow (75%)
- Blue (74%)



- Cyan (19%)
- Magenta (0%)
- Yellow (21%)
- Black (25%)





- Cyan (39%)
- Magenta (25%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.0347, 46.9348, 36.7605 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 38.0347, 46.9348, 36.7605 by changing the saturation by 10% instead.


 38.0347, 46.9348,
36.7605


 38.0347, 46.9348,
36.7605


329.0471,
374.5542, 347.4099

 26.1870, 32.9841,
24.7278


 71.4649, 85.6163,
71.3865

 17.0970, 22.1143,
15.6572


 93.7780, 111.1159,
94.8168

 10.3994, 13.9409,
9.1302

120.3103,
141.2339, 122.8835

 5.7288, 8.0796,
4.7282

151.4272,
176.3548, 156.0049

 2.7200, 4.1459,
2.0328

187.4939,
216.8628, 194.5998

 1.0075, 1.7555,
0.5753

228.8759,

 0.0000, 0.4592,

263.1425, 239.0865

0.0000

275.9385,
315.5781, 289.8837

■ 0.0000, 0.0000,
0.0000

■ 38.0347, 46.9348,
36.7605

■ 38.0347, 46.9348,
36.7605

■ 33.4264, 44.7277,
28.9900

■ 43.4015, 49.5062,
45.8974

■ 29.5388, 42.8629,
22.5173

■ 49.5549, 52.4510,
56.4585

■ 26.3366, 41.3248,
17.2726

■ 56.5262, 55.7855,
68.5022

■ 23.7798, 40.0947,
13.1783

■ 64.3439, 59.5232,
82.0828

■ 21.8244, 39.1517,
10.1481

■ 73.0351, 63.6769,
97.2516

■ 20.4209, 38.4724,
8.0834

■ 78.1405, 66.1811,
103.2635

■ 19.5118, 38.0297,
6.8673

■ 19.0378, 37.7976,
6.2923

Harmonies

Analogous

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



41.4707, 46.9348, 30.8586



38.0347, 46.9348, 36.7605



36.3906, 46.9348, 47.3141

Triad

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



38.0347, 46.9348, 36.7605



43.2664, 46.9348, 80.6118



53.4190, 46.9348, 42.4357

Complementary

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



38.0347, 46.9348, 36.7605



41.7309, 37.0824, 54.8297

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.



53.9825, 46.9348, 55.0911



38.0347, 46.9348, 36.7605



47.9041, 46.9348, 78.6945

Square

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



38.0347, 46.9348, 36.7605



39.2712, 46.9348, 73.6234



51.9028, 46.9348, 68.7639



50.4122, 46.9348, 33.7201

Rectangle

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



38.0347, 46.9348, 36.7605



36.4478, 46.9348, 56.2158



51.9028, 46.9348, 68.7639



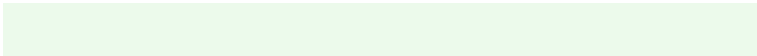
53.9083, 46.9348, 46.3119

Sweetspot

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



38.0359, 46.9368, 36.7615



83.7385, 92.1398, 91.8974



45.5337, 49.7277, 36.9050



17.8088, 19.6924, 19.4475



92.9021, 97.7402, 106.4391



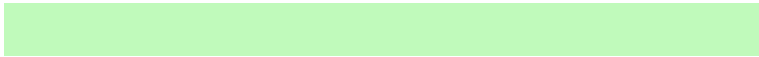
19.4759, 20.4902, 22.3138

Same Dimension

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



38.0359, 46.9368, 36.7615



64.9356, 83.1359, 59.8770



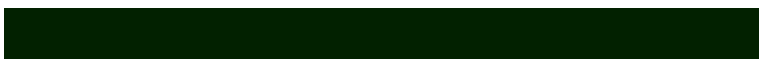
38.9302, 47.2288, 44.4378



10.0128, 11.2941, 10.7141



12.8360, 25.4461, 4.2351



0.5791, 1.1121, 0.1841

Inverse Universe

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



41.7309, 37.0824, 54.8297



72.8318, 62.0684, 98.5020



40.7388, 36.7724, 45.6815



10.4204, 10.2079, 12.7059



18.7247, 8.9133, 34.2902



0.8316, 0.3968, 1.4826

Previews

White Background



This preview shows how the XYZ color 38.0347, 46.9348, 36.7605 looks on a white background.

Color Contrast Check

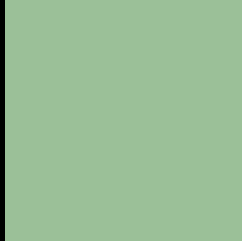
Large Text (above 18pt) WCAG AA × Fail

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 38.0347, 46.9348, 36.7605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

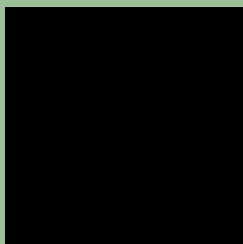
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.0347, 46.9348, 36.7605

Background



This preview shows how black text looks on a background with the XYZ color 38.0347, 46.9348, 36.7605.



This preview shows how white text looks on a background with the XYZ color 38.0347, 46.9348,

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

38.0347, 46.9348, 36.7605

Protanopia

43.7827, 46.4918, 34.2700

Deuteranopia

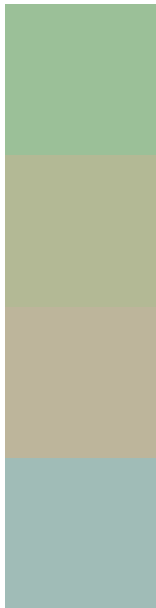
47.6252, 46.6156, 37.9401



Tritanopia

42.8785, 46.6546, 61.3889

Trichromacy



Original Color

38.0347, 46.9348, 36.7605

Protanomaly

41.3642, 46.4516, 35.2197

Deuteranomaly

43.4265, 46.2331, 37.6454

Tritanomaly

41.0277, 46.8589, 51.6820

Monochromacy



Original Color

38.0347, 46.9348, 36.7605

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

39.8514, 44.5707, 43.0618

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0347, 46.9348, 36.7605 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(155, 192, 152)` looks like.

```
.text, #text, p{  
    color:rgb(155, 192, 152)  
}
```

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(155, 192, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 192, 152) }
```

Border

The CSS property to change the border of an element to XYZ 38.0347, 46.9348, 36.7605 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(155, 192, 152) }
```


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

```
.border{ border-color:rgb(155, 192, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 192, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 192, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 192, 152);  
box-shadow:4px 4px 4px 4px rgb(155, 192,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0347, 46.9348, 36.7605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 192, 152) }
```

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

```
.background{ background-color: rgb(155,  
192, 152) }
```

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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