

Converting Colors

XYZ(39.0340, 47.4082, 36.3122)

Have a look what the booklet for
XYZ(39.0340, 47.4082, 36.3122)
contains.

XYZ(39.1335, 47.5107, 36.3861)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(39.1335, 47.5107,
36.3861)**

Conversions

Conversions Part 1

Format	Color
Hex	A1C097
RGB	161, 192, 151
RGB Percent	63%, 75%, 59%
CMY	0.3686, 0.2470, 0.4078
CMYK	0.16, 0.00, 0.21, 0.25
HSL	105°, 25%, 67%
HSV	105°, 21%, 75%
XYZ	39.1335, 47.5107, 36.3861
YIQ	178.0570, -5.3150, -19.3230

Conversions

Conversions Part 2

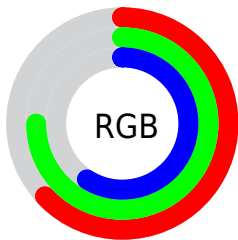
Format	Color
RYB	151, 192, 182
Decimal	10600599
CIELab	74.52, -18.18, 17.27
CIELCh	75, 25.079, 136.472
Yxy	47.5107, 0.3181, 0.3862
Android (android.graphics.Color)	4288790679 (0xFFA1C097)
YUV	178.0570, -13.3391, -14.9590
Hunter-Lab	68.9280, -19.2816, 16.9513

Details

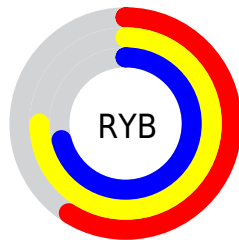
The XYZ color **39.1335, 47.5107, 36.3861** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **39.8744, 35.8854, 54.6966**, and the grayscale version is **42.4185, 44.6276, 48.5994**.

A 20% lighter version of the original color is **72.9057, 86.1415, 70.5420**, and **17.6954, 22.3483, 15.4376** is the 20% darker color. If you saturate the color by 10%, you get **34.9419, 45.5170, 28.7026**, and if you desaturate by 10%, it is **43.9213, 49.7852, 45.4252**.

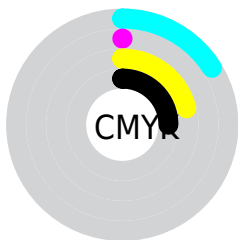
Distribution



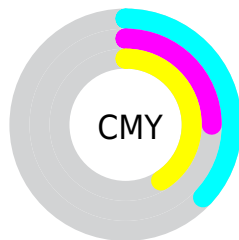
- Red (63%)
- Green (75%)
- Blue (59%)



- Red (59%)
- Yellow (75%)
- Blue (71%)



- Cyan (16%)
- Magenta (0%)
- Yellow (21%)
- Black (25%)





- Cyan (37%)
- Magenta (25%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.1335, 47.5107, 36.3861 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 39.1335, 47.5107, 36.3861 by changing the saturation by 10% instead.


 39.1335, 47.5107,
36.3861


 39.1335, 47.5107,
36.3861


333.6551,
376.8494, 345.7333

 27.0448, 33.4396,
24.4405


 73.1350, 86.4754,
70.8033

 17.7436, 22.4634,
15.4455


 95.7785, 112.1378,
94.1120

 10.8647, 14.1978,
8.9825


122.6709,
142.4328, 122.0455

 6.0425, 8.2584,
4.6331

154.1777,
177.7446, 155.0223

 2.9119, 4.2607,
1.9787

190.6641,
218.4578, 193.4609

 1.1073, 1.8204,
0.5421

232.4956,

 0.0312, 0.4999,

264.9568, 237.7799

0.0000

280.0375,
317.6258, 288.3979

■ 0.0000, 0.0000,
0.0000

■ 39.1335, 47.5107,
36.3861

■ 39.1335, 47.5107,
36.3861

■ 34.9419, 45.5170,
28.7026

■ 43.9213, 49.7852,
45.4252

■ 31.3190, 43.7871,
22.3063

■ 49.3241, 52.3447,
55.8774

■ 28.2404, 42.3115,
17.1277

■ 55.3644, 55.2009,
67.8010

■ 25.6787, 41.0776,
13.0893

■ 62.0623, 58.3631,
81.2500

■ 23.6036, 40.0718,
10.1050

■ 69.4373, 61.8401,
96.2754

■ 21.9817, 39.2789,
8.0761

■ 75.6507, 64.8976,
103.1470

■ 20.7746, 38.6817,
6.8854

■ 78.1406, 66.1812,
103.2635

■ 20.0148, 38.3013,
6.3380

Harmonies

Analogous

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



42.7331, 47.5107, 31.3116



39.1335, 47.5107, 36.3861



37.2092, 47.5107, 46.1139

Triad

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



39.1335, 47.5107, 36.3861



43.1510, 47.5107, 79.9640



54.0334, 47.5107, 44.9769

Complementary

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



39.1335, 47.5107, 36.3861



39.8744, 35.8854, 54.6966

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.



54.1641, 47.5107, 57.7868



39.1335, 47.5107, 36.3861



47.6719, 47.5107, 79.5214

Square

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



39.1335, 47.5107, 36.3861



39.4218, 47.5107, 72.0015



51.7700, 47.5107, 70.8778



51.4242, 47.5107, 35.6741

Rectangle

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



39.1335, 47.5107, 36.3861



37.0458, 47.5107, 54.5935



51.7700, 47.5107, 70.8778



54.3744, 47.5107, 48.9705

Sweetspot

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



39.1348, 47.5127, 36.3871



84.5854, 92.5765, 91.9370



44.0029, 46.7965, 35.9923



18.0085, 19.7954, 19.4569



92.9021, 97.7402, 106.4391



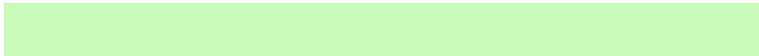
19.4759, 20.4902, 22.3138

Same Dimension

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



39.1348, 47.5127, 36.3871



66.9296, 84.1945, 58.5816



38.0687, 46.8628, 40.8740



10.1694, 11.3748, 10.7214



13.5272, 25.8024, 4.2674



0.6492, 1.1482, 0.1874

Inverse Universe

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



39.8744, 35.8854, 54.6966



68.5228, 59.0645, 98.1493



41.2242, 36.7080, 49.0352



10.2496, 10.1198, 12.6979



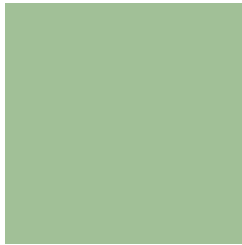
14.3538, 6.6601, 34.0856



0.6791, 0.3182, 1.4755

Previews

White Background



This preview shows how the XYZ color 39.1335, 47.5107, 36.3861 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 39.1335, 47.5107, 36.3861 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 39.1335, 47.5107, 36.3861

Background



This preview shows how black text looks on a background with the XYZ color 39.1335, 47.5107, 36.3861.



This preview shows how white text looks on a background with the XYZ color 39.1335, 47.5107,

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

39.1335, 47.5107, 36.3861

Protanopia

44.3699, 47.4116, 34.0069

Deuteranopia

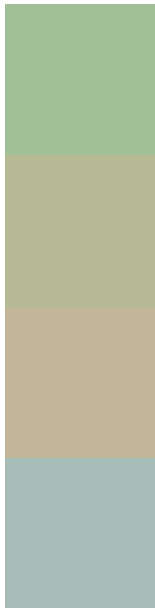
48.2220, 47.2326, 37.1471



Tritanopia

44.1365, 47.3031, 61.4477

Trichromacy



Original Color

39.1335, 47.5107, 36.3861

Protanomaly

42.1956, 47.2010, 34.9037

Deuteranomaly

44.4700, 47.0933, 36.8831

Tritanomaly

42.1526, 47.4508, 51.1932

Monochromacy



Original Color

39.1335, 47.5107, 36.3861

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

41.0146, 45.4648, 43.6597

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1335, 47.5107, 36.3861 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(161, 192, 151)` looks like.

```
.text, #text, p{  
    color:rgb(161, 192, 151)  
}
```

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(161, 192, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 192, 151) }
```

Border

The CSS property to change the border of an element to XYZ 39.1335, 47.5107, 36.3861 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(161, 192, 151) }
```


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

```
.border{ border-color:rgb(161, 192, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 192, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 192, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 192, 151);  
box-shadow:4px 4px 4px 4px rgb(161, 192,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1335, 47.5107, 36.3861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 192, 151) }
```

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

```
.background{ background-color: rgb(161,  
192, 151) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor