

Converting Colors

XYZ(39.6574, 49.6478, 42.6148)

Have a look what the booklet for
XYZ(39.6574, 49.6478, 42.6148)
contains.

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Color

**XYZ(39.6574, 49.6478,
42.6148)**

Conversions

Conversions Part 1

Format	Color
Hex	97C6A4
RGB	151, 198, 164
RGB Percent	59%, 78%, 64%
CMY	0.4078, 0.2235, 0.3569
CMYK	0.24, 0.00, 0.17, 0.22
HSL	137°, 29%, 68%
HSV	137°, 24%, 78%
XYZ	39.6574, 49.6478, 42.6148
YIQ	180.0710, -17.0980, -20.5380

Conversions

Conversions Part 2

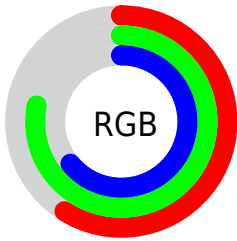
Format	Color
RYB	151, 188, 198
Decimal	9946788
CIELab	75.85, -22.29, 12.07
CIElCh	76, 25.353, 151.567
Yxy	49.6478, 0.3006, 0.3763
Android (android.graphics.Color)	4288136868 (0xFF97C6A4)
YUV	180.0710, -7.9230, -25.4953
Hunter-Lab	70.4612, -22.8426, 13.4644

Details

The XYZ color **39.6574, 49.6478, 42.6148** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **43.1139, 37.6429, 50.8944**, and the grayscale version is **43.4694, 45.7332, 49.8034**.

A 20% lighter version of the original color is **73.9998, 89.7563, 80.4423**, and **18.0435, 23.7690, 18.9661** is the 20% darker color. If you saturate the color by 10%, you get **35.0653, 47.4230, 36.0238**, and if you desaturate by 10%, it is **45.0150, 52.2532, 50.0044**.

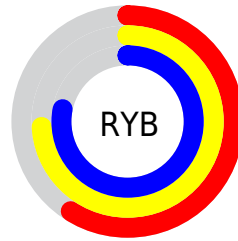
Distribution



Red (59%)

Green (78%)

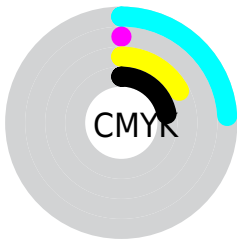
Blue (64%)



Red (59%)

Yellow (74%)

Blue (78%)

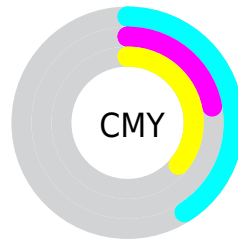


Cyan (24%)

Magenta (0%)

Yellow (17%)

Black (22%)



Cyan (41%)


Magenta (22%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.6574, 49.6478, 42.6148 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 39.6574, 49.6478, 42.6148 by changing the saturation by 10% instead.


 39.6574, 49.6478,
42.6148


 39.6574, 49.6478,
42.6148


335.8367,
385.2870, 372.8998

 27.4545, 35.1336,
29.2538


 73.9292, 89.6528,
80.4094

 18.0532, 23.7658,
19.0257


 96.7288, 115.9125,
105.6800

 11.0881, 15.1600,
11.5118


123.7915,
146.8561, 135.7577

 6.1939, 8.9318,
6.2937

155.4824,
182.8680, 171.0609

 3.0051, 4.6967,
2.9528

192.1671,
224.3327, 212.0082

 1.1565, 2.0704,
1.0706

234.2108,

 0.0716, 0.6479,

271.6345, 259.0181

0.0000

281.9788,
325.1578, 312.5091

■ 0.0000, 0.0000,
0.0000

■ 39.6574, 49.6478,
42.6148

■ 39.6574, 49.6478,
42.6148

■ 35.0653, 47.4230,
36.0238

■ 45.0150, 52.2532,
50.0044

■ 31.1992, 45.5549,
30.2012

■ 51.1675, 55.2495,
58.2147

■ 28.0218, 44.0260,
25.1198

■ 58.1473, 58.6545,
67.2711

■ 25.4910, 42.8155,
20.7497

■ 65.9841, 62.4830,
77.1970

■ 23.5597, 41.8995,
17.0588

■ 74.7058, 66.7488,
88.0148

■ 22.1741, 41.2512,
14.0123

■ 78.6817, 68.5487,
99.4813

■ 21.2702, 40.8383,
11.5725

■ 79.4850, 68.8701,
103.7117

■ 20.8790, 40.6637,
10.3335

Harmonies

Analogous

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



42.6004, 49.6478, 34.8174



39.6574, 49.6478, 42.6148



38.6945, 49.6478, 54.7711

Triad

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



39.6574, 49.6478, 42.6148



47.4371, 49.6478, 84.3855



55.3418, 49.6478, 41.5740

Complementary

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



39.6574, 49.6478, 42.6148



43.1139, 37.6429, 50.8944

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.



56.8431, 49.6478, 53.3511



39.6574, 49.6478, 42.6148



52.0953, 49.6478, 79.3332

Square

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



39.6574, 49.6478, 42.6148



43.0027, 49.6478, 80.2536



55.6179, 49.6478, 67.3857



51.6380, 49.6478, 34.2906

Rectangle

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



39.6574, 49.6478, 42.6148



39.2502, 49.6478, 64.1742



55.6179, 49.6478, 67.3857



56.1314, 49.6478, 45.0651

Sweetspot

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



39.6587, 49.6499, 42.6159



86.7753, 95.9664, 98.0228



45.9022, 52.9973, 37.0889



18.4281, 20.4700, 20.7877



0.0000, 0.0000, 0.0000



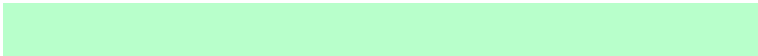
20.3446, 21.4041, 23.3091

Same Dimension

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



39.6587, 49.6499, 42.6159



66.2525, 85.9894, 69.8236



41.9313, 50.5589, 54.5832



10.6160, 11.9353, 11.9281



13.6091, 26.4560, 6.8860



0.6759, 1.2653, 0.4922

Inverse Universe

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



43.1139, 37.6429, 50.8944



73.3293, 61.3877, 86.7721



40.8754, 36.7475, 39.1064



10.9531, 10.7646, 12.7364



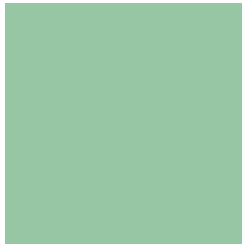
18.4189, 9.1171, 17.9475



0.9016, 0.4435, 1.0052

Previews

White Background



This preview shows how the XYZ color 39.6574, 49.6478, 42.6148 looks on a white background.

Color Contrast Check

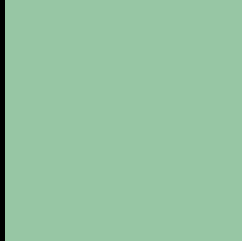
Large Text (above 18pt) WCAG AA × Fail

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 39.6574, 49.6478, 42.6148 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 39.6574, 49.6478, 42.6148

Background



This preview shows how black text looks on a background with the XYZ color 39.6574, 49.6478, 42.6148.



This preview shows how white text looks on a background with the XYZ color 39.6574, 49.6478,

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

39.6574, 49.6478, 42.6148

Protanopia

46.4954, 49.3222, 39.4173

Deuteranopia

50.2531, 49.3186, 43.9166



Tritanopia

44.4102, 49.5752, 66.2598

Trichromacy



Original Color

39.6574, 49.6478, 42.6148

Protanomaly

43.5810, 49.0683, 40.4319

Deuteranomaly

45.7316, 49.1495, 43.6357

Tritanomaly

42.4061, 49.4131, 56.5929

Monochromacy



Original Color

39.6574, 49.6478, 42.6148

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

41.7725, 47.0317, 46.9208

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6574, 49.6478, 42.6148 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(151, 198, 164)` looks like.

```
.text, #text, p{  
    color:rgb(151, 198, 164)  
}
```

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(151, 198, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 198, 164) }
```

Border

The CSS property to change the border of an element to XYZ 39.6574, 49.6478, 42.6148 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(151, 198, 164) }
```


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

```
.border{ border-color:rgb(151, 198, 164) }
```

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

Here you see how a box with a 4 pixel rgb(151, 198, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 198, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 198, 164);  
box-shadow:4px 4px 4px 4px rgb(151, 198,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6574, 49.6478, 42.6148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 198, 164) }
```

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

```
.background{ background-color: rgb(151,  
198, 164) }
```

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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