

Converting Colors

XYZ(39.0665, 48.9975, 40.7936)

Have a look what the booklet for
XYZ(39.0665, 48.9975, 40.7936)
contains.

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Color

**XYZ(39.0739, 49.0499,
40.6659)**

Conversions

Conversions Part 1

Format	Color
Hex	97C5A0
RGB	151, 197, 160
RGB Percent	59%, 77%, 63%
CMY	0.4078, 0.2274, 0.3725
CMYK	0.23, 0.00, 0.19, 0.23
HSL	132°, 28%, 68%
HSV	132°, 23%, 77%
XYZ	39.0739, 49.0499, 40.6659
YIQ	179.0280, -15.5390, -21.2590

Conversions

Conversions Part 2

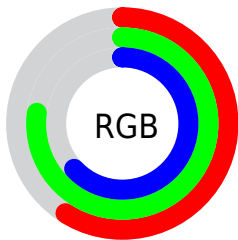
Format	Color
RYB	151, 189, 197
Decimal	9946528
CIELab	75.48, -22.54, 13.70
CIELCh	75, 26.376, 148.713
Yxy	49.0499, 0.3034, 0.3809
Android (android.graphics.Color)	4288136608 (0xFF97C5A0)
YUV	179.0280, -9.3808, -24.5806
Hunter-Lab	70.0356, -22.9746, 14.5985

Details

The XYZ color **39.0739, 49.0499, 40.6659** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **43.1713, 37.6354, 52.5680**, and the grayscale version is **42.9181, 45.1532, 49.1718**.

A 20% lighter version of the original color is **73.1612, 88.9117, 77.5957**, and **17.6748, 23.3803, 17.7686** is the 20% darker color. If you saturate the color by 10%, you get **34.4199, 46.8021, 33.6676**, and if you desaturate by 10%, it is **44.5182, 51.6874, 48.6256**.

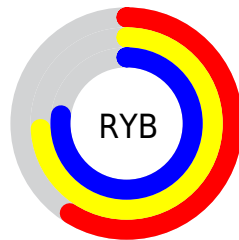
Distribution



Red (59%)

Green (77%)

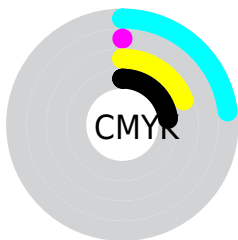
Blue (63%)



Red (59%)

Yellow (74%)

Blue (77%)

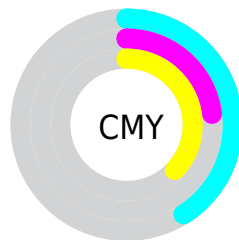


Cyan (23%)

Magenta (0%)

Yellow (19%)

Black (23%)



Cyan (41%)

Magenta (23%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.0739, 49.0499, 40.6659 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 39.0739, 49.0499, 40.6659 by changing the saturation by 10% instead.

■ 39.0739, 49.0499,
40.6659

■ 39.0739, 49.0499,
40.6659

333.4063,
382.9387, 364.5575

■ 26.9982, 34.6591,
27.7404

■ 73.0445, 88.7656,
77.4246

■ 17.7085, 23.4004,
17.8927

■ 95.6702, 114.8592,
102.0949

■ 10.8393, 14.8894,
10.7043

122.5432,
145.6225, 131.5172

■ 6.0254, 8.7418,
5.7567

154.0290,
181.4400, 166.1100

■ 2.9013, 4.5732,
2.6313

190.4928,
222.6959, 206.2919

■ 1.1018, 1.9991,
0.9086

232.3001,

■ 0.0266, 0.6069,

269.7748, 252.4814

0.0000

279.8161,
323.0609, 305.0971

■ 0.0000, 0.0000,
0.0000

■ 39.0739, 49.0499,
40.6659

■ 39.0739, 49.0499,
40.6659

■ 34.4199, 46.8021,
33.6676

■ 44.5182, 51.6874,
48.6256

■ 30.5153, 44.9197,
27.5912

■ 50.7835, 54.7256,
57.5779

■ 27.3214, 43.3848,
22.3991

■ 57.9033, 58.1825,
67.5565

■ 24.7945, 42.1758,
18.0500

■ 65.9084, 62.0733,
78.5925

■ 22.8859, 41.2685,
14.4992

■ 74.8280, 66.4124,
90.7159

■ 21.5400, 40.6352,
11.6979

■ 79.2572, 68.4144,
103.6357

■ 20.6907, 40.2432,
9.5918

■ 20.3259, 40.0779,
8.5447

Harmonies

Analogous

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



42.2689, 49.0499, 33.1862



39.0739, 49.0499, 40.6659



37.8790, 49.0499, 52.8073

Triad

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



39.0739, 49.0499, 40.6659



46.4106, 49.0499, 84.9212



55.3163, 49.0499, 41.5416

Complementary

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



39.0739, 49.0499, 40.6659



43.1713, 37.6354, 52.5680

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.



56.6129, 49.0499, 54.0113



39.0739, 49.0499, 40.6659



51.2609, 49.0499, 80.5206

Square

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



39.0739, 49.0499, 40.6659



41.9287, 49.0499, 79.7316



55.0810, 49.0499, 68.5649



51.6497, 49.0499, 33.6265

Rectangle

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



39.0739, 49.0499, 40.6659



38.3091, 49.0499, 62.4722



55.0810, 49.0499, 68.5649



56.0546, 49.0499, 45.2641

Sweetspot

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



39.0752, 49.0520, 40.6670



86.5590, 95.8799, 96.8838



46.4330, 52.9328, 37.0484



18.3782, 20.4500, 20.5246



0.0000, 0.0000, 0.0000



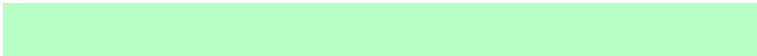
20.3446, 21.4041, 23.3091

Same Dimension

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



39.0752, 49.0520, 40.6670



65.5749, 85.7184, 66.2553



41.2186, 49.9093, 51.9539



10.5809, 11.9212, 11.7431



13.3925, 26.3694, 5.7455



0.6601, 1.2590, 0.4088

Inverse Universe

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



43.1713, 37.6354, 52.5680



74.1792, 61.7277, 91.2478



40.9373, 36.7418, 40.8036



10.9907, 10.7797, 12.9343



19.2603, 9.4537, 22.3782



0.9354, 0.4570, 1.1829

Previews

White Background



This preview shows how the XYZ color 39.0739, 49.0499, 40.6659 looks on a white background.

Color Contrast Check

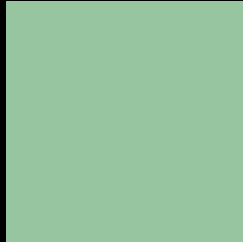
Large Text (above 18pt) WCAG AA × Fail

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 39.0739, 49.0499, 40.6659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

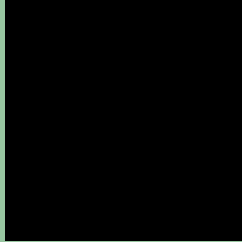
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.0739, 49.0499, 40.6659

Background



This preview shows how black text looks on a background with the XYZ color 39.0739, 49.0499, 40.6659.



This preview shows how white text looks on a background with the XYZ color 39.0739, 49.0499,

40.6659.

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

39.0739, 49.0499, 40.6659

Protanopia

45.9466, 48.7668, 37.5631

Deuteranopia

49.6849, 48.7694, 41.9167



Tritanopia

44.0695, 49.0888, 65.5449

Trichromacy



Original Color

39.0739, 49.0499, 40.6659

Protanomaly

43.0207, 48.4988, 38.5463

Deuteranomaly

45.1560, 48.5810, 41.6474

Tritanomaly

41.9656, 48.8820, 55.3675

Monochromacy



Original Color

39.0739, 49.0499, 40.6659

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

41.3675, 46.5314, 45.8309

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0739, 49.0499, 40.6659 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, 197, 160)` looks like.

```
.text, #text, p{  
    color:rgb(151, 197, 160)  
}
```

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, 197, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 197, 160) }
```

Border

The CSS property to change the border of an element to XYZ 39.0739, 49.0499, 40.6659 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, 197, 160) }
```


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

```
.border{ border-color:rgb(151, 197, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 197, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 197, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 197, 160); box-shadow:4px 4px 4px 4px rgb(151, 197, 160) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0739, 49.0499, 40.6659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 197, 160) }
```

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

```
.background{ background-color: rgb(151,  
197, 160) }
```

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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