

Converting Colors

XYZ(38.8465, 49.2809, 40.2656)

Have a look what the booklet for
XYZ(38.8465, 49.2809, 40.2656)
contains.

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Color

**XYZ(38.8465, 49.2809,
40.2656)**

Conversions

Conversions Part 1

Format	Color
Hex	95C69F
RGB	149, 198, 159
RGB Percent	58%, 78%, 62%
CMY	0.4157, 0.2235, 0.3765
CMYK	0.25, 0.00, 0.20, 0.22
HSL	132°, 30%, 68%
HSV	132°, 25%, 78%
XYZ	38.8465, 49.2809, 40.2656
YIQ	178.9030, -16.6850, -22.5170

Conversions

Conversions Part 2

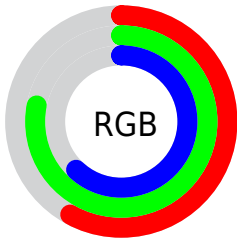
Format	Color
RYB	149, 190, 198
Decimal	9815711
CIELab	75.63, -23.88, 14.42
CIElCh	76, 27.897, 148.876
Yxy	49.2809, 0.3026, 0.3838
Android (android.graphics.Color)	4288005791 (0xFF95C69F)
YUV	178.9030, -9.8122, -26.2249
Hunter-Lab	70.2004, -24.0748, 15.1326

Details

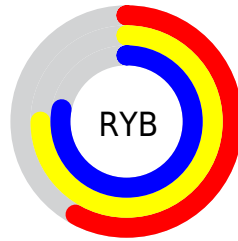
The XYZ color **38.8465, 49.2809, 40.2656** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **43.1149, 37.1326, 52.4740**, and the grayscale version is **42.8541, 45.0858, 49.0985**.

A 20% lighter version of the original color is **72.7994, 89.2124, 77.0011**, and **17.5569, 23.5494, 17.5301** is the 20% darker color. If you saturate the color by 10%, you get **34.2551, 47.0634, 33.3615**, and if you desaturate by 10%, it is **44.2291, 51.8889, 48.1190**.

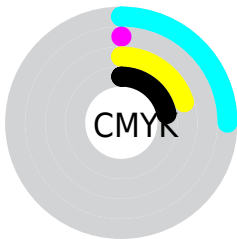
Distribution



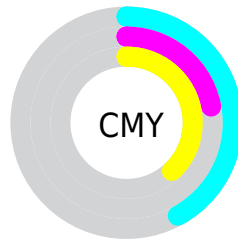
- Red (58%)
- Green (78%)
- Blue (62%)



- Red (58%)
- Yellow (75%)
- Blue (78%)



- Cyan (25%)
- Magenta (0%)
- Yellow (20%)
- Black (22%)





- Cyan (42%)
- Magenta (22%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.8465, 49.2809, 40.2656 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 38.8465, 49.2809, 40.2656 by changing the saturation by 10% instead.


 38.8465, 49.2809,
40.2656


 38.8465, 49.2809,
40.2656


332.4558,
383.8471, 362.8271

 26.8205, 34.8424,
27.4303


 72.6993, 89.1085,
76.8093

 17.5744, 23.5415,
17.6614


 95.2569, 115.2664,
101.3548

 10.7427, 14.9938,
10.5402


122.0557,
146.0995, 130.6408

 5.9601, 8.8151,
5.6483

153.4611,
181.9922, 165.0858

 2.8613, 4.6207,
2.5671

189.8385,
223.3289, 205.1084

 1.0808, 2.0265,
0.8754

231.5532,

 0.0090, 0.6228,

270.4940, 251.1272

0.0000

278.9705,
323.8720, 303.5605

■ 0.0000, 0.0000,
0.0000

■ 38.8465, 49.2809,
40.2656

■ 38.8465, 49.2809,
40.2656

■ 34.2551, 47.0634,
33.3615

■ 44.2291, 51.8889,
48.1190

■ 30.4134, 45.2116,
27.3677

■ 50.4340, 54.8986,
56.9525

■ 27.2819, 43.7074,
22.2469

■ 57.4954, 58.3282,
66.7994

■ 24.8160, 42.5285,
17.9583

■ 65.4445, 62.1933,
77.6906

■ 22.9659, 41.6503,
14.4578

■ 74.3108, 66.5084,
89.6554

■ 21.6744, 41.0443,
11.6970

■ 79.2539, 68.7776,
102.4945

■ 20.8729, 40.6762,
9.6221

■ 79.4850, 68.8700,
103.7117

■ 20.5850, 40.5460,
8.7853

Harmonies

Analogous

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



42.2083, 49.2809, 32.4172



38.8465, 49.2809, 40.2656



37.6005, 49.2809, 53.1030

Triad

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



38.8465, 49.2809, 40.2656



46.6457, 49.2809, 87.3928



56.0803, 49.2809, 41.0681

Complementary

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



38.8465, 49.2809, 40.2656



43.1149, 37.1326, 52.4740

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.



57.4812, 49.2809, 54.2179



38.8465, 49.2809, 40.2656



51.7987, 49.2809, 82.5981

Square

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



38.8465, 49.2809, 40.2656



41.8946, 49.2809, 81.8572



55.8611, 49.2809, 69.7337



52.1601, 49.2809, 32.8172

Rectangle

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



38.8465, 49.2809, 40.2656



38.0619, 49.2809, 63.3907



55.8611, 49.2809, 69.7337



56.8736, 49.2809, 44.9772

Sweetspot

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



38.8478, 49.2830, 40.2667



86.5814, 95.8889, 97.0020



46.4091, 53.2772, 36.2718



18.3834, 20.4520, 20.5519



0.0000, 0.0000, 0.0000



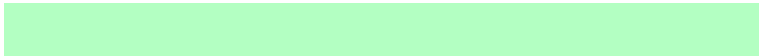
20.3446, 21.4041, 23.3091

Same Dimension

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



38.8478, 49.2830, 40.2667



63.9852, 84.9443, 64.1284



41.1685, 50.2113, 52.4873



10.5845, 11.9227, 11.7623



13.4115, 26.3770, 5.8458



0.6617, 1.2596, 0.4175

Inverse Universe

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



43.1149, 37.1326, 52.4740



72.8975, 59.5551, 89.6155



40.7114, 36.1712, 39.8171



10.9868, 10.7781, 12.9136



19.1674, 9.4165, 21.8894



0.9317, 0.4555, 1.1636

Previews

White Background



This preview shows how the XYZ color 38.8465, 49.2809, 40.2656 looks on a white background.

Color Contrast Check

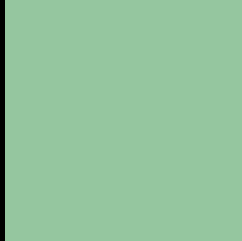
Large Text (above 18pt) WCAG AA × Fail

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 38.8465, 49.2809, 40.2656 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 38.8465, 49.2809, 40.2656

Background



This preview shows how black text looks on a background with the XYZ color 38.8465, 49.2809, 40.2656.



This preview shows how white text looks on a background with the XYZ color 38.8465, 49.2809,

40.2656.

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

38.8465, 49.2809, 40.2656

Protanopia

45.8637, 48.7336, 37.1262

Deuteranopia

49.8823, 48.8816, 41.4563



Tritanopia

43.9938, 49.0357, 66.1776

Trichromacy



Original Color

38.8465, 49.2809, 40.2656

Protanomaly

42.9203, 48.7772, 38.1631

Deuteranomaly

45.0668, 48.5453, 41.1773

Tritanomaly

42.1036, 49.2698, 56.0061

Monochromacy



Original Color

38.8465, 49.2809, 40.2656

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

41.1537, 46.4212, 45.8209

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.8465, 49.2809, 40.2656 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(149, 198, 159)` looks like.

```
.text, #text, p{  
    color:rgb(149, 198, 159)  
}
```

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(149, 198, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 198, 159) }
```

Border

The CSS property to change the border of an element to XYZ 38.8465, 49.2809, 40.2656 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(149, 198, 159) }
```


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

```
.border{ border-color:rgb(149, 198, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 198, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 198, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 198, 159);  
box-shadow:4px 4px 4px 4px rgb(149, 198,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 38.8465, 49.2809, 40.2656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 198, 159) }
```

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

```
.background{ background-color: rgb(149,  
198, 159) }
```

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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