

Converting Colors

XYZ(39.7050, 50.6388, 42.0292)

Have a look what the booklet for
XYZ(39.7050, 50.6388, 42.0292)
contains.

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Color

**XYZ(39.8027, 50.7715,
41.8845)**

Conversions

Conversions Part 1

Format	Color
Hex	95C9A2
RGB	149, 201, 162
RGB Percent	58%, 79%, 64%
CMY	0.4157, 0.2117, 0.3647
CMYK	0.26, 0.00, 0.19, 0.21
HSL	135°, 33%, 69%
HSV	135°, 26%, 79%
XYZ	39.8027, 50.7715, 41.8845
YIQ	181.0060, -18.4730, -23.1530

Conversions

Conversions Part 2

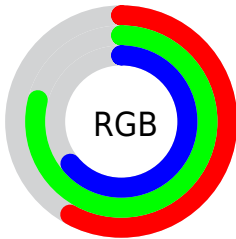
Format	Color
RYB	149, 191, 201
Decimal	9816482
CIELab	76.54, -24.80, 14.10
CIElCh	77, 28.530, 150.387
Yxy	50.7715, 0.3005, 0.3833
Android (android.graphics.Color)	4288006562 (0xFF95C9A2)
YUV	181.0060, -9.3700, -28.0693
Hunter-Lab	71.2541, -24.9842, 15.0261

Details

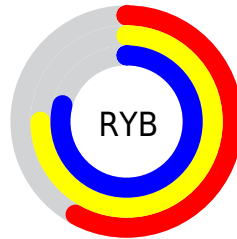
The XYZ color **39.8027, 50.7715, 41.8845** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **43.9137, 37.5445, 52.5115**, and the grayscale version is **43.9816, 46.2720, 50.3903**.

A 20% lighter version of the original color is **73.1862, 89.3671, 79.0379**, and **18.1780, 24.5346, 18.5294** is the 20% darker color. If you saturate the color by 10%, you get **35.1865, 48.5389, 35.0879**, and if you desaturate by 10%, it is **45.2152, 53.3989, 49.5593**.

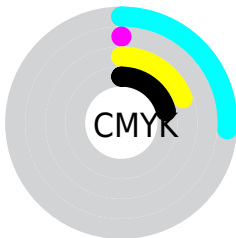
Distribution



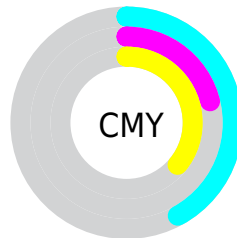
- Red (58%)
- Green (79%)
- Blue (64%)



- Red (58%)
- Yellow (75%)
- Blue (79%)



- Cyan (26%)
- Magenta (0%)
- Yellow (19%)
- Black (21%)





- Cyan (42%)
- Magenta (21%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.8027, 50.7715, 41.8845 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 39.8027, 50.7715, 41.8845 by changing the saturation by 10% instead.


 39.8027, 50.7715,
41.8845


 39.8027, 50.7715,
41.8845


336.4400,
389.6754, 369.7895

 27.5683, 36.0268,
28.6860


 74.1492, 91.3169,
79.2930

 18.1393, 24.4549,
18.5999


 96.9920, 117.8864,
104.3400

 11.1503, 15.6714,
11.2076

124.1017,
149.1663, 134.1737

 6.2361, 9.2919,
6.0907

155.8435,
185.5410, 169.2124

 3.0312, 4.9321,
2.8307

192.5829,
227.3948, 209.8748

 1.1703, 2.2075,
1.0088

234.6852,

 0.0827, 0.7241,

275.1122, 256.5794

0.0000

282.5158,
329.0776, 309.7448

■ 0.0000, 0.0000,
0.0000

■ 39.8027, 50.7715,
41.8845

■ 39.8027, 50.7715,
41.8845

■ 35.1865, 48.5389,
35.0879

■ 45.2152, 53.3989,
49.5593

■ 31.3244, 46.6757,
29.1346

■ 51.4555, 56.4325,
58.1385

■ 28.1764, 45.1633,
23.9928

■ 58.5583, 59.8909,
67.6516

■ 25.6970, 43.9792,
19.6269

■ 66.5551, 63.7899,
78.1257

■ 23.8352, 43.0978,
15.9990

■ 75.4758, 68.1443,
89.5867

■ 22.5325, 42.4898,
13.0678

■ 79.7705, 70.0924,
101.7985

■ 21.7169, 42.1190,
10.7875

■ 80.1776, 70.2552,
103.9425

■ 21.4687, 42.0077,
10.0227

Harmonies

Analogous

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



43.2061, 50.7715, 33.4432



39.8027, 50.7715, 41.8845



38.6252, 50.7715, 55.4822

Triad

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



39.8027, 50.7715, 41.8845



48.3268, 50.7715, 90.5547



57.7515, 50.7715, 41.5966

Complementary

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



39.8027, 50.7715, 41.8845



43.9137, 37.5445, 52.5115

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.



59.3696, 50.7715, 55.0813



39.8027, 50.7715, 41.8845



53.6865, 50.7715, 85.0117

Square

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



39.8027, 50.7715, 41.8845



43.3189, 50.7715, 85.2791



57.8305, 50.7715, 71.2681



53.5564, 50.7715, 33.3000

Rectangle

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



39.8027, 50.7715, 41.8845



39.1869, 50.7715, 66.2693



57.8305, 50.7715, 71.2681



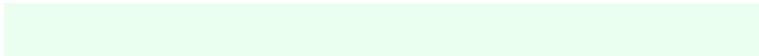
58.6282, 50.7715, 45.5809

Sweetspot

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



39.8041, 50.7736, 41.8856



85.5726, 95.3876, 96.1060



47.2666, 54.7474, 36.5105



17.9578, 20.2427, 20.0808



0.0000, 0.0000, 0.0000



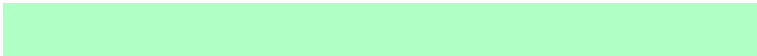
20.3446, 21.4041, 23.3091

Same Dimension

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



39.8041, 50.7736, 41.8856



63.5842, 84.7167, 65.0534



42.2666, 51.7587, 54.8533



10.6044, 11.9307, 11.8671



13.5295, 26.4242, 6.4667



0.6707, 1.2632, 0.4648

Inverse Universe

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



43.9137, 37.5445, 52.5115



71.7854, 58.3030, 86.2479



41.4353, 36.5531, 39.4604



10.9654, 10.7696, 12.8012



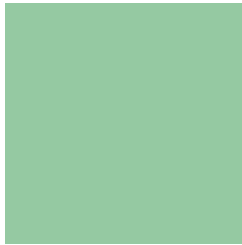
18.6830, 9.2228, 19.3385



0.9124, 0.4478, 1.0617

Previews

White Background



This preview shows how the XYZ color 39.8027, 50.7715, 41.8845 looks on a white background.

Color Contrast Check

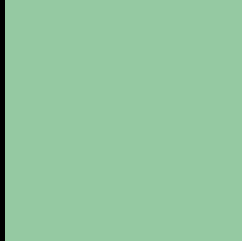
Large Text (above 18pt) WCAG AA × Fail

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 39.8027, 50.7715, 41.8845 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

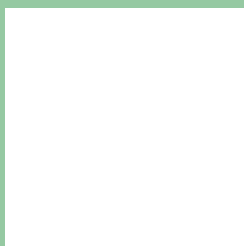
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.8027, 50.7715, 41.8845

Background



This preview shows how black text looks on a background with the XYZ color 39.8027, 50.7715, 41.8845.



This preview shows how white text looks on a background with the XYZ color 39.8027, 50.7715,

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

39.8027, 50.7715, 41.8845

Protanopia

47.4528, 50.4751, 38.2520

Deuteranopia

51.1384, 50.0971, 43.0508



Tritanopia

45.0252, 50.5058, 68.3483

Trichromacy



Original Color

39.8027, 50.7715, 41.8845

Protanomaly

44.2976, 50.4323, 39.7474

Deuteranomaly

46.0100, 49.6302, 42.7519

Tritanomaly

43.1095, 50.7513, 57.9760

Monochromacy



Original Color

39.8027, 50.7715, 41.8845

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

41.9854, 47.4574, 46.9917

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.8027, 50.7715, 41.8845 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, 201, 162)` looks like.

```
.text, #text, p{  
    color:rgb(149, 201, 162)  
}
```

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, 201, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 201, 162) }
```

Border

The CSS property to change the border of an element to XYZ 39.8027, 50.7715, 41.8845 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, 201, 162) }
```


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

```
.border{ border-color:rgb(149, 201, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 201, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 201, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 201, 162);  
box-shadow:4px 4px 4px 4px rgb(149, 201,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 39.8027, 50.7715, 41.8845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 201, 162) }
```

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

```
.background{ background-color: rgb(149,  
201, 162) }
```

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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