

Converting Colors

XYZ(39.3928, 48.4776, 38.8353)

Have a look what the booklet for
XYZ(39.3928, 48.4776, 38.8353)
contains.

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Color

**XYZ(39.4205, 48.5986,
38.7553)**

Conversions

Conversions Part 1

Format	Color
Hex	9DC39C
RGB	157, 195, 156
RGB Percent	62%, 76%, 61%
CMY	0.3843, 0.2353, 0.3882
CMYK	0.19, 0.00, 0.20, 0.24
HSL	118°, 25%, 69%
HSV	118°, 20%, 76%
XYZ	39.4205, 48.5986, 38.7553
YIQ	179.1920, -10.1290, -20.1850

Conversions

Conversions Part 2

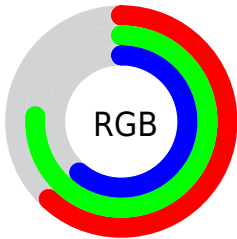
Format	Color
RYB	156, 195, 194
Decimal	10339228
CIELab	75.20, -20.23, 15.50
CIELCh	75, 25.489, 142.534
Yxy	48.5986, 0.3110, 0.3833
Android (android.graphics.Color)	4288529308 (0xFF9DC39C)
YUV	179.1920, -11.4337, -19.4624
Hunter-Lab	69.7127, -21.0607, 15.8379

Details

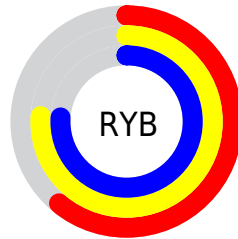
The XYZ color **39.4205, 48.5986, 38.7553** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **43.9889, 39.1878, 56.8778**, and the grayscale version is **43.0141, 45.2542, 49.2818**.

A 20% lighter version of the original color is **73.7197, 88.3210, 74.7902**, and **17.9004, 23.0729, 16.8747** is the 20% darker color. If you saturate the color by 10%, you get **34.4770, 46.2273, 30.5854**, and if you desaturate by 10%, it is **45.2083, 51.3773, 48.3506**.

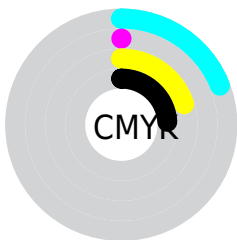
Distribution



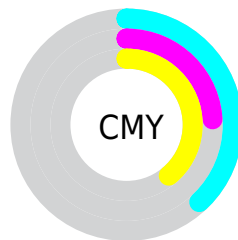
- Red (62%)
- Green (76%)
- Blue (61%)



- Red (61%)
- Yellow (76%)
- Blue (76%)



- Cyan (19%)
- Magenta (0%)
- Yellow (20%)
- Black (24%)



- Cyan (38%)
- Magenta (24%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.4205, 48.5986, 38.7553 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 39.4205, 48.5986, 38.7553 by changing the saturation by 10% instead.


 39.4205, 48.5986,
38.7553


 39.4205, 48.5986,
38.7553


334.8514,
381.1600, 356.2439

 27.2692, 34.3012,
26.2631


 73.5702, 88.0950,
74.4806

 17.9131, 23.1251,
16.7930


 96.2994, 114.0627,
98.5507

 10.9870, 14.6859,
9.9266


123.2852,
144.6894, 127.3171

 6.1253, 8.5992,
5.2454

154.8930,
180.3593, 161.1985

 2.9628, 4.4807,
2.3307

191.4881,
221.4570, 200.6133

 1.1341, 1.9459,
0.7483

233.4360,

 0.0534, 0.5758,

268.3667, 245.9801

0.0000

281.1020,
321.4729, 297.7175

■ 0.0000, 0.0000,
0.0000

■ 39.4205, 48.5986,
38.7553

■ 39.4205, 48.5986,
38.7553

■ 34.4770, 46.2273,
30.5854

■ 45.2083, 51.3773,
48.3506

■ 30.3347, 44.2384,
23.7699

■ 51.8730, 54.5748,
59.4313

■ 26.9526, 42.6138,
18.2367

■ 59.4505, 58.2095,
72.0578

■ 24.2844, 41.3314,
13.9056

■ 67.9734, 62.2971,
86.2864

■ 22.2790, 40.3667,
10.6873

■ 77.4727, 66.8524,
102.1704

■ 20.8784, 39.6921,
8.4803

■ 78.8060, 67.5121,
103.4853

■ 20.0145, 39.2750,
7.1646

■ 19.5786, 39.0643,
6.5083

Harmonies

Analogous

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



42.8329, 48.5986, 32.5284



39.4205, 48.5986, 38.7553



37.8429, 48.5986, 49.6420

Triad

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



39.4205, 48.5986, 38.7553



45.0339, 48.5986, 82.7512



54.9977, 48.5986, 43.6537

Complementary

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



39.4205, 48.5986, 38.7553



43.9889, 39.1878, 56.8778

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.



55.6856, 48.5986, 56.3301



39.4205, 48.5986, 38.7553



49.7213, 48.5986, 80.4203

Square

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



39.4205, 48.5986, 38.7553



40.9387, 48.5986, 76.0810



53.6966, 48.5986, 70.1628



51.8755, 48.5986, 35.0060

Rectangle

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



39.4205, 48.5986, 38.7553



37.9639, 48.5986, 58.6991



53.6966, 48.5986, 70.1628



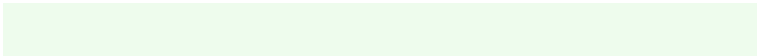
55.5295, 48.5986, 47.5250

Sweetspot

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



39.4218, 48.6007, 38.7564



85.4386, 94.1597, 94.0246



47.7337, 52.4550, 39.0622



18.5392, 20.5380, 20.3063



0.0000, 0.0000, 0.0000



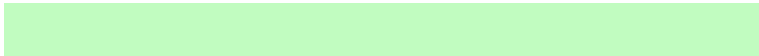
20.3446, 21.4041, 23.3091

Same Dimension

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



39.4218, 48.6007, 38.7564



66.5492, 85.0955, 62.7066



40.8865, 49.1641, 47.4828



9.9678, 11.2708, 10.7120



12.7353, 25.3941, 4.2303



0.5587, 1.1015, 0.1832

Inverse Universe

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



43.9889, 39.1878, 56.8778



76.2082, 65.1857, 101.0353



42.3117, 38.5466, 46.7023



10.4710, 10.2339, 12.7083



20.2159, 9.6821, 34.3600



0.8817, 0.4226, 1.4850

Previews

White Background



This preview shows how the XYZ color 39.4205, 48.5986, 38.7553 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 39.4205, 48.5986, 38.7553 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

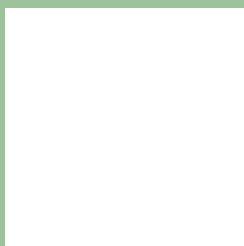
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.4205, 48.5986, 38.7553

Background



This preview shows how black text looks on a background with the XYZ color 39.4205, 48.5986, 38.7553.



This preview shows how white text looks on a background with the XYZ color 39.4205, 48.5986,

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

39.4205, 48.5986, 38.7553

Protanopia

45.4914, 48.2511, 36.1939

Deuteranopia

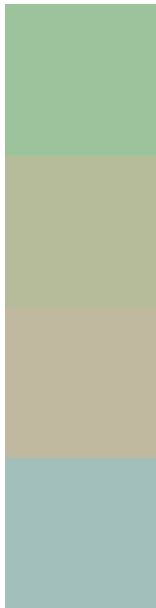
49.4169, 48.3759, 39.9906



Tritanopia

44.6137, 48.7542, 64.1858

Trichromacy



Original Color

39.4205, 48.5986, 38.7553

Protanomaly

43.0244, 48.2114, 37.1751

Deuteranomaly

45.1367, 47.9907, 39.6850

Tritanomaly

42.5007, 48.5308, 54.1411

Monochromacy



Original Color

39.4205, 48.5986, 38.7553

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

41.4942, 46.2961, 45.2771

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4205, 48.5986, 38.7553 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(157, 195, 156)` looks like.

```
.text, #text, p{  
    color:rgb(157, 195, 156)  
}
```

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(157, 195, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 195, 156) }
```

Border

The CSS property to change the border of an element to XYZ 39.4205, 48.5986, 38.7553 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(157, 195, 156) }
```


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

```
.border{ border-color:rgb(157, 195, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 195, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 195, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 195, 156);  
box-shadow:4px 4px 4px 4px rgb(157, 195,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4205, 48.5986, 38.7553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 195, 156) }
```

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

```
.background{ background-color: rgb(157,  
195, 156) }
```

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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