

Converting Colors

XYZ(39.1985, 43.2677, 39.0256)

Have a look what the booklet for
XYZ(39.1985, 43.2677, 39.0256)
contains.

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Color

**XYZ(39.3914, 43.5141,
39.1238)**

Conversions

Conversions Part 1

Format	Color
Hex	ACB39F
RGB	172, 179, 159
RGB Percent	67%, 70%, 62%
CMY	0.3255, 0.2980, 0.3765
CMYK	0.04, 0.00, 0.11, 0.30
HSL	81°, 12%, 66%
HSV	81°, 11%, 70%
XYZ	39.3914, 43.5141, 39.1238
YIQ	174.6270, 2.2480, -7.7040

Conversions

Conversions Part 2

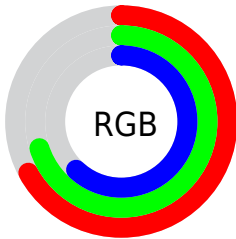
Format	Color
RYB	159, 179, 166
Decimal	11318175
CIELab	71.90, -6.11, 9.37
CIELCh	72, 11.184, 123.090
Yxy	43.5141, 0.3228, 0.3566
Android (android.graphics.Color)	4289508255 (0xFFACB39F)
YUV	174.6270, -7.7041, -2.3039
Hunter-Lab	65.9652, -8.8471, 11.0109

Details

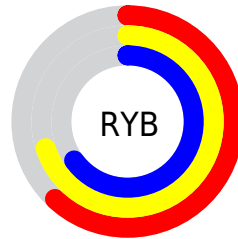
The XYZ color **39.3914, 43.5141, 39.1238** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.2624, 36.1591, 47.7183**, and the grayscale version is **40.5936, 42.7076, 46.5086**.

A 20% lighter version of the original color is **73.5245, 80.6026, 75.3010**, and **17.9134, 19.9975, 17.1031** is the 20% darker color. If you saturate the color by 10%, you get **36.6063, 42.2463, 31.4637**, and if you desaturate by 10%, it is **42.4687, 44.9091, 47.9737**.

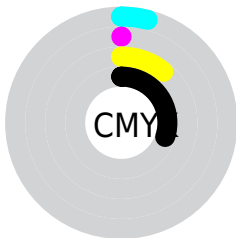
Distribution



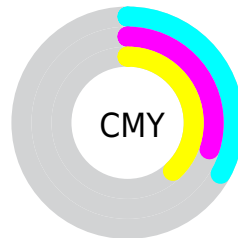
- Red (67%)
- Green (70%)
- Blue (62%)



- Red (62%)
- Yellow (70%)
- Blue (65%)



- Cyan (4%)
- Magenta (0%)
- Yellow (11%)
- Black (30%)





- Cyan (33%)
- Magenta (30%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.3914, 43.5141, 39.1238 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 39.3914, 43.5141, 39.1238 by changing the saturation by 10% instead.


 39.3914, 43.5141,
39.1238


 39.3914, 43.5141,
39.1238

334.7303,
360.7218, 357.8582

 27.2464, 30.2887,
26.5475


 73.5261, 80.4861,
75.0498

 17.8959, 20.0578,
17.0042

 96.2466, 105.0014,
99.2366

 10.9745, 12.4371,
10.0755


123.2229,
134.0489, 128.1306

 6.1169, 7.0421,
5.3428


154.8205,
168.0129, 162.1504

 2.9576, 3.4884,
2.3875

191.4047,
207.2778, 201.7146

 1.1314, 1.3917,
0.7796

233.3408,

 0.0511, 0.2106,

252.2280, 247.2415

0.0000

280.9942,
303.2478, 299.1499

■ 0.0000, 0.0000,
0.0000

■ 39.3914, 43.5141,
39.1238

■ 39.3914, 43.5141,
39.1238

■ 36.6063, 42.2463,
31.4637

■ 42.4687, 44.9091,
47.9737

■ 34.0994, 41.0958,
24.9398

■ 45.8447, 46.4298,
58.0582

■ 31.8607, 40.0598,
19.4987

■ 49.5298, 48.0818,
69.4234

■ 29.8780, 39.1334,
15.0814

■ 53.5331, 49.8689,
82.1119

■ 28.1382, 38.3112,
11.6236

■ 57.8632, 51.7945,
96.1648

■ 26.6267, 37.5873,
9.0533

■ 60.6370, 53.1057,
101.6622

■ 25.3270, 36.9550,
7.2888

■ 62.4521, 54.0414,
101.7472

■ 24.2196, 36.4063,
6.2329

■ 64.3379, 55.0136,
101.8355

■ 23.3676, 35.9777,
5.7128

■ 66.2951, 56.0226,
101.9270

Harmonies

Analogous

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



41.1618, 43.5141, 37.6586



39.3914, 43.5141, 39.1238



38.1782, 43.5141, 42.7890

Triad

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



39.3914, 43.5141, 39.1238



39.7233, 43.5141, 57.3615



45.1248, 43.5141, 46.8164

Complementary

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



39.3914, 43.5141, 39.1238



36.2624, 36.1591, 47.7183

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.



44.7114, 43.5141, 52.2870



39.3914, 43.5141, 39.1238



41.5566, 43.5141, 58.6438

Square

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



39.3914, 43.5141, 39.1238



38.3657, 43.5141, 53.3397



43.3907, 43.5141, 56.7217



44.5038, 43.5141, 41.8807

Rectangle

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



39.3914, 43.5141, 39.1238



37.8285, 43.5141, 46.1286



43.3907, 43.5141, 56.7217



45.1022, 43.5141, 48.6527

Sweetspot

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



39.3926, 43.5160, 39.1247



74.9823, 79.9414, 82.7757



38.4862, 39.3608, 38.3705



16.5119, 17.6656, 18.0469



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



39.3926, 43.5160, 39.1247



69.4852, 77.4490, 67.0917



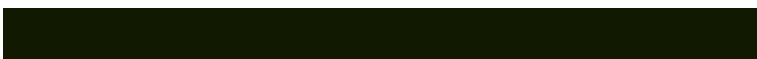
37.2798, 42.4268, 39.0259



8.9025, 9.7548, 9.0662



16.5841, 25.4595, 4.0401



0.5820, 0.8321, 0.1299

Inverse Universe

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



36.2624, 36.1591, 47.7183



62.9458, 62.0788, 85.0460



38.4409, 37.2822, 47.8203



8.3133, 8.3700, 10.6837



7.2480, 3.0723, 30.3480



0.2927, 0.1300, 0.9579

Previews

White Background



This preview shows how the XYZ color 39.3914, 43.5141, 39.1238 looks on a white background.

Color Contrast Check

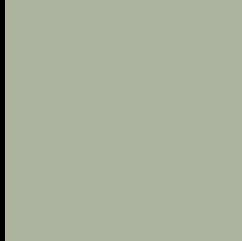
Large Text (above 18pt) WCAG AA × Fail

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 39.3914, 43.5141, 39.1238 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

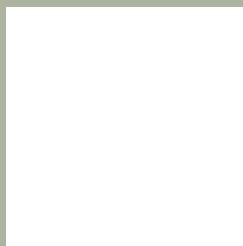
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.3914, 43.5141, 39.1238

Background



This preview shows how black text looks on a background with the XYZ color 39.3914, 43.5141, 39.1238.



This preview shows how white text looks on a background with the XYZ color 39.3914, 43.5141,

39.1238.

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

39.3914, 43.5141, 39.1238

Protanopia

41.3783, 43.6753, 38.1476

Deuteranopia

44.3609, 43.4648, 39.7697



Tritanopia

42.4198, 43.5642, 54.3171

Trichromacy



Original Color

39.3914, 43.5141, 39.1238

Protanomaly

40.7161, 43.6162, 38.6206

Deuteranomaly

42.2750, 43.2440, 39.3765

Tritanomaly

41.2404, 43.3790, 48.3189

Monochromacy



Original Color

39.3914, 43.5141, 39.1238

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.1423, 42.9139, 43.7036

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3914, 43.5141, 39.1238 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(172, 179, 159)` looks like.

```
.text, #text, p{  
    color:rgb(172, 179, 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(172, 179, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 179, 159) }
```

Border

The CSS property to change the border of an element to XYZ 39.3914, 43.5141, 39.1238 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(172, 179, 159) }
```


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

```
.border{ border-color:rgb(172, 179, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 179, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 179, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 179, 159);  
box-shadow:4px 4px 4px 4px rgb(172, 179,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3914, 43.5141, 39.1238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 179, 159) }
```

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

```
.background{ background-color: rgb(172,  
179, 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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