

Converting Colors

XYZ(38.2893, 42.8850, 35.0884)

Have a look what the booklet for
XYZ(38.2893, 42.8850, 35.0884)
contains.

XYZ(38.4197, 43.1001, 35.1484)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(38.4197, 43.1001,
35.1484)**

Conversions

Conversions Part 1

Format	Color
Hex	ABB396
RGB	171, 179, 150
RGB Percent	67%, 70%, 59%
CMY	0.3294, 0.2980, 0.4118
CMYK	0.04, 0.00, 0.16, 0.30
HSL	77°, 16%, 65%
HSV	77°, 16%, 70%
XYZ	38.4197, 43.1001, 35.1484
YIQ	173.3020, 4.5410, -10.7150

Conversions

Conversions Part 2

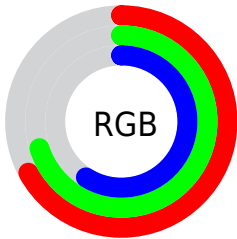
Format	Color
RYB	150, 179, 158
Decimal	11252630
CIELab	71.62, -7.99, 13.88
CIELCh	72, 16.013, 119.936
Yxy	43.1001, 0.3293, 0.3694
Android (android.graphics.Color)	4289442710 (0xFFABB396)
YUV	173.3020, -11.4879, -2.0189
Hunter-Lab	65.6507, -10.4279, 14.2125

Details

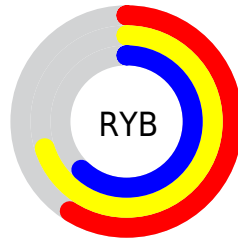
The XYZ color **38.4197, 43.1001, 35.1484** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.1453, 32.3376, 47.1449**, and the grayscale version is **39.9308, 42.0103, 45.7492**.

A 20% lighter version of the original color is **71.9714, 79.9450, 68.7644**, and **17.3207, 19.7445, 14.7025** is the 20% darker color. If you saturate the color by 10%, you get **36.0314, 42.0242, 28.0785**, and if you desaturate by 10%, it is **41.0708, 44.2886, 43.3818**.

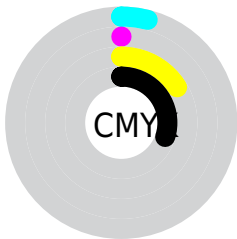
Distribution



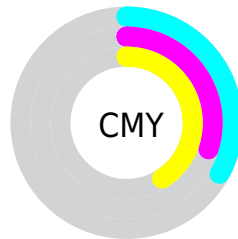
- Red (67%)
- Green (70%)
- Blue (59%)



- Red (59%)
- Yellow (70%)
- Blue (62%)



- Cyan (4%)
- Magenta (0%)
- Yellow (16%)
- Black (30%)



- Cyan (33%)
- Magenta (30%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.4197, 43.1001, 35.1484 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 38.4197, 43.1001, 35.1484 by changing the saturation by 10% instead.

■ 38.4197, 43.1001,
35.1484

■ 38.4197, 43.1001,
35.1484

330.6668,
359.0233, 340.1470

■ 26.4873, 29.9637,
23.4927

■ 72.0507, 79.8619,
68.8698

■ 17.3231, 19.8110,
14.7491

■ 94.4801, 104.2560,
91.7726

■ 10.5619, 12.2577,
8.4988

121.1391,
133.1715, 119.2615

■ 5.8382, 6.9195,
4.3234

152.3931,
166.9928, 151.7551

■ 2.7866, 3.4118,
1.8044

188.6076,
206.1042, 189.6719

■ 1.0420, 1.3503,
0.4309

230.1477,

■ 0.0000, 0.1797,

250.8902, 233.4305

0.0000

277.3790,
301.7350, 283.4493

■ 0.0000, 0.0000,
0.0000

■ 38.4197, 43.1001,
35.1484

■ 38.4197, 43.1001,
35.1484

■ 36.0314, 42.0242,
28.0785

■ 41.0708, 44.2886,
43.3818

■ 33.8920, 41.0511,
22.1169

■ 43.9909, 45.5880,
52.8251

■ 31.9916, 40.1780,
17.2079

■ 47.1904, 47.0039,
63.5255

■ 30.3179, 39.4002,
13.2902

■ 50.6781, 48.5398,
75.5269

■ 28.8576, 38.7122,
10.2957

■ 54.4624, 50.1992,
88.8710

■ 27.5959, 38.1079,
8.1482

■ 58.1615, 51.8295,
101.5464

■ 26.5153, 37.5805,
6.7590

■ 59.5079, 52.5236,
101.6094

■ 25.5932, 37.1207,
6.0113

■ 60.8973, 53.2398,
101.6744

■ 25.2666, 36.9567,
5.8017

■ 62.3302, 53.9785,
101.7415

Harmonies

Analogous

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



40.9711, 43.1001, 33.5318



38.4197, 43.1001, 35.1484



36.6192, 43.1001, 39.8429

Triad

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



38.4197, 43.1001, 35.1484



38.4101, 43.1001, 61.0649



46.4000, 43.1001, 46.9453

Complementary

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



38.4197, 43.1001, 35.1484



33.1453, 32.3376, 47.1449

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.



45.6425, 43.1001, 54.8084



38.4197, 43.1001, 35.1484



40.9596, 43.1001, 63.4890

Square

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



38.4197, 43.1001, 35.1484



36.6138, 43.1001, 54.7766



43.6210, 43.1001, 61.0846



45.6487, 43.1001, 39.8686

Rectangle

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



38.4197, 43.1001, 35.1484



36.0461, 43.1001, 44.3691



43.6210, 43.1001, 61.0846



46.3129, 43.1001, 49.5849

Sweetspot

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



38.4209, 43.1020, 35.1493



74.1130, 79.5655, 79.4728



36.2783, 36.1499, 33.9204



16.3424, 17.5933, 17.3613



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.



38.4209, 43.1020, 35.1493



67.4234, 76.5679, 58.7801



35.4857, 41.5888, 35.0120



8.9639, 9.7864, 9.0691



17.9189, 26.1476, 4.1026



0.6166, 0.8499, 0.1316

Inverse Universe

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



33.1453, 32.3376, 47.1449



56.4008, 54.0755, 83.8461



36.1090, 33.8655, 47.2836



8.2548, 8.3399, 10.6810



6.7137, 2.7968, 30.3230



0.2690, 0.1178, 0.9568

Previews

White Background



This preview shows how the XYZ color 38.4197, 43.1001, 35.1484 looks on a white background.

Color Contrast Check

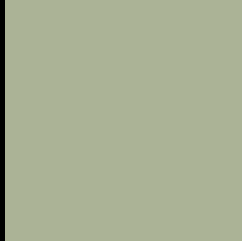
Large Text (above 18pt) WCAG AA × Fail

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 38.4197, 43.1001, 35.1484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

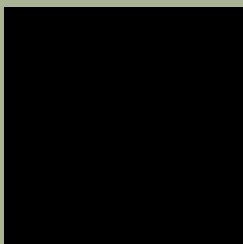
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

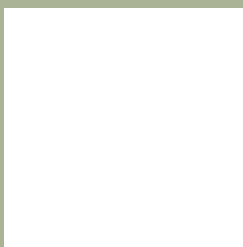
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.4197, 43.1001, 35.1484

Background



This preview shows how black text looks on a background with the XYZ color 38.4197, 43.1001, 35.1484.



This preview shows how white text looks on a background with the XYZ color 38.4197, 43.1001,

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

38.4197, 43.1001, 35.1484

Protanopia

40.6829, 43.1124, 34.1943

Deuteranopia

43.9429, 43.0604, 35.7012



Tritanopia

42.0102, 43.0901, 53.1167

Trichromacy



Original Color

38.4197, 43.1001, 35.1484

Protanomaly

39.7725, 42.9239, 34.6227

Deuteranomaly

41.7647, 43.0687, 35.3900

Tritanomaly

40.6209, 43.1053, 46.2236

Monochromacy



Original Color

38.4197, 43.1001, 35.1484

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.1348, 42.1472, 41.6699

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.4197, 43.1001, 35.1484 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(171, 179, 150)` looks like.

```
.text, #text, p{  
    color:rgb(171, 179, 150)  
}
```

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(171, 179, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 179, 150) }
```

Border

The CSS property to change the border of an element to XYZ 38.4197, 43.1001, 35.1484 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(171, 179, 150) }
```


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

```
.border{ border-color:rgb(171, 179, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 179, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 179, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 179, 150);  
box-shadow:4px 4px 4px 4px rgb(171, 179,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 38.4197, 43.1001, 35.1484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 179, 150) }
```

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

```
.background{ background-color: rgb(171,  
179, 150) }
```

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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