

Converting Colors

XYZ(33.5431, 40.4795, 38.4049)

Have a look what the booklet for
XYZ(33.5431, 40.4795, 38.4049)
contains.

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Color

**XYZ(33.6193, 40.5485,
38.4025)**

Conversions

Conversions Part 1

Format	Color
Hex	8FB39E
RGB	143, 179, 158
RGB Percent	56%, 70%, 62%
CMY	0.4392, 0.2980, 0.3804
CMYK	0.20, 0.00, 0.12, 0.30
HSL	145°, 19%, 63%
HSV	145°, 20%, 70%
XYZ	33.6193, 40.5485, 38.4025
YIQ	165.8420, -14.7150, -14.1630

Conversions

Conversions Part 2

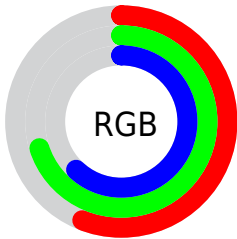
Format	Color
RYB	143, 168, 179
Decimal	9417630
CIELab	69.86, -16.47, 6.72
CIELCh	70, 17.793, 157.793
Yxy	40.5485, 0.2987, 0.3602
Android (android.graphics.Color)	4287607710 (0xFF8FB39E)
YUV	165.8420, -3.8661, -20.0324
Hunter-Lab	63.6777, -17.1951, 8.8180

Details

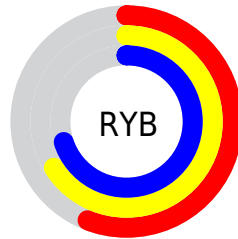
The XYZ color **33.6193, 40.5485, 38.4025** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.1151, 31.9098, 39.4320**, and the grayscale version is **36.1933, 38.0781, 41.4671**.

A 20% lighter version of the original color is **64.7445, 76.0911, 74.2254**, and **14.5283, 18.2586, 16.6684** is the 20% darker color. If you saturate the color by 10%, you get **29.9035, 38.7335, 33.7346**, and if you desaturate by 10%, it is **37.9082, 42.6523, 43.4976**.

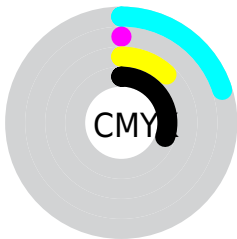
Distribution



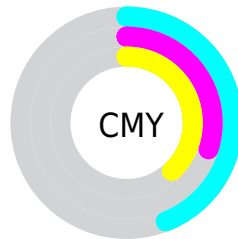
- Red (56%)
- Green (70%)
- Blue (62%)



- Red (56%)
- Yellow (66%)
- Blue (70%)



- Cyan (20%)
- Magenta (0%)
- Yellow (12%)
- Black (30%)



- Cyan (44%)
- Magenta (30%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.6193, 40.5485, 38.4025 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 33.6193, 40.5485, 38.4025 by changing the saturation by 10% instead.

■ 33.6193, 40.5485,
38.4025

■ 33.6193, 40.5485,
38.4025

310.0470,
348.4300, 354.6933

■ 22.7628, 27.9665,
25.9910

■ 64.6894, 75.9980,
73.9349

■ 14.5382, 18.3004,
16.5912

■ 85.6338, 99.6343,
97.8929

■ 8.5801, 11.1659,
9.7846

110.6714,
127.7241, 126.5367

■ 4.5232, 6.1785,
5.1526

140.1678,
160.6519, 160.2850

■ 2.0022, 2.9539,
2.2768

174.4882,
198.8019, 199.5563

■ 0.6352, 1.1077,
0.7182

213.9979,

■ 0.0000, 0.0000,

242.5587, 244.7690

0.0000

259.0624,
292.3066, 296.3418

■ 33.6193, 40.5485,
38.4025

■ 33.6193, 40.5485,
38.4025

■ 29.9035, 38.7335,
33.7346

■ 37.9082, 42.6523,
43.4976

■ 26.7321, 37.1895,
29.4803

■ 42.7906, 45.0520,
49.0280

■ 24.0791, 35.9044,
25.6288

■ 48.2899, 47.7603,
55.0046

■ 21.9147, 34.8629,
22.1682

■ 54.4271, 50.7882,
61.4375

■ 20.2061, 34.0485,
19.0856

■ 61.2225, 54.1456,
68.3361

■ 18.9159, 33.4423,
16.3676

■ 68.6951, 57.8425,
75.7099

■ 18.0007, 33.0219,
13.9999

■ 71.7984, 59.2768,
83.3306

■ 17.3766, 32.7441,
11.9862

■ 73.3188, 59.8850,
91.3368

■ 74.9287, 60.5289,
99.8143

Harmonies

Analogous

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



35.2330, 40.5485, 32.7269



33.6193, 40.5485, 38.4025



33.2908, 40.5485, 46.3444

Triad

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



33.6193, 40.5485, 38.4025



39.2988, 40.5485, 61.8765



43.1019, 40.5485, 35.0954

Complementary

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



33.6193, 40.5485, 38.4025



35.1151, 31.9098, 39.4320

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.



44.3142, 40.5485, 42.0268



33.6193, 40.5485, 38.4025



42.0480, 40.5485, 57.9638

Square

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



33.6193, 40.5485, 38.4025



36.4771, 40.5485, 60.5907



43.9191, 40.5485, 50.4451



40.6796, 40.5485, 30.9905

Rectangle

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



33.6193, 40.5485, 38.4025



33.8287, 40.5485, 51.9974



43.9191, 40.5485, 50.4451



43.6698, 40.5485, 37.1355

Sweetspot

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



33.6204, 40.5502, 38.4034



71.2669, 78.0443, 81.7777



36.5134, 42.1818, 32.2044



15.6671, 17.2307, 17.9787



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.



33.6204, 40.5502, 38.4034



57.2304, 71.1630, 65.0950



35.2263, 41.1926, 46.8600



8.5309, 9.5469, 9.7896



12.3095, 23.1498, 8.6324



0.4167, 0.7401, 0.4262

Inverse Universe

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



35.1151, 31.9098, 39.4320



60.3801, 52.9512, 67.2599



33.6491, 31.3234, 31.7125



8.6973, 8.5856, 9.9042



14.9507, 7.4978, 10.1662



0.4987, 0.2472, 0.4687

Previews

White Background



This preview shows how the XYZ color 33.6193, 40.5485, 38.4025 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 33.6193, 40.5485, 38.4025 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

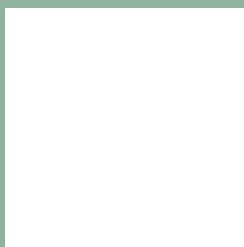
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.6193, 40.5485, 38.4025

Background



This preview shows how black text looks on a background with the XYZ color 33.6193, 40.5485, 38.4025.



This preview shows how white text looks on a background with the XYZ color 33.6193, 40.5485,

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

33.6193, 40.5485, 38.4025

Protanopia

38.2560, 40.3965, 35.9180

Deuteranopia

40.9437, 40.0713, 39.2948



Tritanopia

36.9097, 40.7236, 54.0592

Trichromacy



Original Color

33.6193, 40.5485, 38.4025

Protanomaly

36.3770, 40.2530, 36.8627

Deuteranomaly

37.7667, 39.7982, 38.9490

Tritanomaly

35.5938, 40.4681, 48.0546

Monochromacy



Original Color

33.6193, 40.5485, 38.4025

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.2743, 39.0393, 40.3265

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.6193, 40.5485, 38.4025 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(143, 179, 158)` looks like.

```
.text, #text, p{  
    color:rgb(143, 179, 158)  
}
```

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(143, 179, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 179, 158) }
```

Border

The CSS property to change the border of an element to XYZ 33.6193, 40.5485, 38.4025 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(143, 179, 158) }
```


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

```
.border{ border-color:rgb(143, 179, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 179, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 179, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 179, 158);  
box-shadow:4px 4px 4px 4px rgb(143, 179,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 33.6193, 40.5485, 38.4025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 179, 158) }
```

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

```
.background{ background-color: rgb(143,  
179, 158) }
```

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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