

Converting Colors

XYZ(34.0286, 34.7975, 39.1150)

Have a look what the booklet for
XYZ(34.0286, 34.7975, 39.1150)
contains.

XYZ(33.8884, 34.6151, 39.0777)	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(33.8884, 34.6151,
39.0777)**

Conversions

Conversions Part 1

Format	Color
Hex	A49DA2
RGB	164, 157, 162
RGB Percent	64%, 62%, 64%
CMY	0.3569, 0.3843, 0.3647
CMYK	0.00, 0.04, 0.01, 0.36
HSL	317°, 4%, 63%
HSV	317°, 4%, 64%
XYZ	33.8884, 34.6151, 39.0777
YIQ	159.6630, 2.5670, 3.0390

Conversions

Conversions Part 2

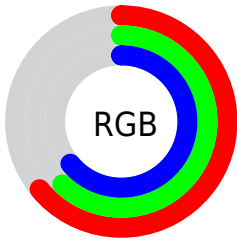
Format	Color
RYB	164, 157, 162
Decimal	10788258
CIELab	65.45, 3.48, -1.70
CIELCh	65, 3.873, 333.920
Yxy	34.6151, 0.3150, 0.3218
Android (android.graphics.Color)	4288978338 (0xFFA49DA2)
YUV	159.6630, 1.1521, 3.8035
Hunter-Lab	58.8346, -0.1455, 1.8040

Details

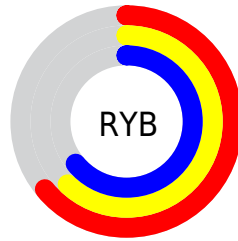
The XYZ color **33.8884, 34.6151, 39.0777** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.4394, 36.2231, 38.0320**, and the grayscale version is **33.2534, 34.9852, 38.0988**.

A 20% lighter version of the original color is **65.2813, 67.1568, 75.1675**, and **14.6506, 14.8786, 16.8515** is the 20% darker color. If you saturate the color by 10%, you get **30.8892, 29.2708, 36.0607**, and if you desaturate by 10%, it is **37.2775, 40.7135, 42.3022**.

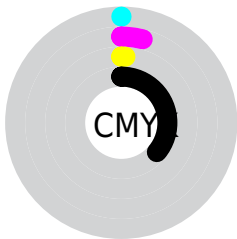
Distribution



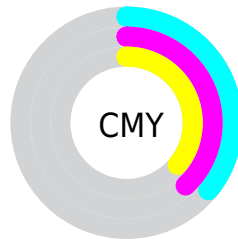
- Red (64%)
- Green (62%)
- Blue (64%)



- Red (64%)
- Yellow (62%)
- Blue (64%)



- Cyan (0%)
- Magenta (4%)
- Yellow (1%)
- Black (36%)



- Cyan (36%)
- Magenta (38%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.8884, 34.6151, 39.0777 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 33.8884, 34.6151, 39.0777 by changing the saturation by 10% instead.

■ 33.8884, 34.6151,
39.0777

■ 33.8884, 34.6151,
39.0777

311.2288,
322.8661, 357.6565

■ 22.9704, 23.3665,
26.5119

■ 65.1055, 66.8891,
74.9787

■ 14.6922, 14.8644,
16.9778

■ 86.1353, 88.6833,
99.1509

■ 8.6886, 8.7243,
10.0569

111.2664,
114.7614, 128.0290

■ 4.5941, 4.5618,
5.3306

140.8642,
145.5080, 162.0315

■ 2.0434, 1.9925,
2.3804

175.2939,
181.3074, 201.5770

■ 0.6582, 0.6031,
0.7757

214.9211,

■ 0.0000, 0.0000,

222.5439, 247.0839

0.0000

260.1109,
269.6020, 298.9709

■ 33.8884, 34.6151,
39.0777

■ 33.8884, 34.6151,
39.0777

■ 30.8892, 29.2708,
36.0607

■ 37.2775, 40.7135,
42.3022

■ 28.2622, 24.6466,
33.2430

■ 41.0677, 47.5894,
45.7375

■ 25.9924, 20.7126,
30.6195

■ 45.2733, 55.2708,
49.3895

■ 24.0627, 17.4348,
28.1835

■ 49.9071, 63.7828,
53.2632

■ 22.4547, 14.7766,
25.9280

■ 54.9812, 73.1496,
57.3635

■ 21.1482, 12.6977,
23.8453

■ 60.3781, 83.1358,
61.6520

■ 20.1203, 11.1530,
21.9270

■ 60.8993, 83.3443,
64.3966

■ 19.3450, 10.0907,
20.1635

■ 61.4371, 83.5595,
67.2289

■ 18.7910, 9.4483,
18.5434

■ 61.9918, 83.7813,
70.1495

Harmonies

Analogous

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



33.5120, 34.6151, 40.3376



33.8884, 34.6151, 39.0777



33.9990, 34.6151, 37.4772

Triad

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



33.8884, 34.6151, 39.0777



32.8262, 34.6151, 34.6634



32.0052, 34.6151, 39.4572

Complementary

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



33.8884, 34.6151, 39.0777



33.4394, 36.2231, 38.0320

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.



31.8261, 34.6151, 37.9035



33.8884, 34.6151, 39.0777



32.2967, 34.6151, 35.1608

Square

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



33.8884, 34.6151, 39.0777



33.3817, 34.6151, 34.9577



31.9322, 34.6151, 36.3355



32.4242, 34.6151, 40.5610

Rectangle

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



33.8884, 34.6151, 39.0777



33.9061, 34.6151, 36.4396



31.9322, 34.6151, 36.3355



31.9152, 34.6151, 38.9686

Sweetspot

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



33.8894, 34.6166, 39.0785



63.4330, 66.2762, 72.7920



33.0540, 34.1652, 39.9749



13.8755, 14.5033, 15.9212



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



33.8894, 34.6166, 39.0785



61.0371, 61.9801, 70.4657



33.5841, 34.4945, 37.4710



7.5336, 7.6245, 8.7030



14.2277, 7.0471, 13.6554



0.3177, 0.1556, 0.3856

Inverse Universe

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



33.8894, 34.6166, 39.0785



61.0371, 61.9801, 70.4657



33.7458, 36.3457, 39.6457



7.5336, 7.6245, 8.7030



14.2277, 7.0471, 13.6554



0.3177, 0.1556, 0.3856

Previews

White Background



This preview shows how the XYZ color 33.8884, 34.6151, 39.0777 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 33.8884, 34.6151, 39.0777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

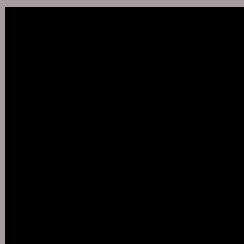
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

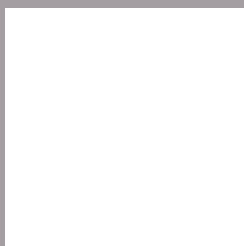
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.8884, 34.6151, 39.0777

Background



This preview shows how black text looks on a background with the XYZ color 33.8884, 34.6151, 39.0777.



This preview shows how white text looks on a background with the XYZ color 33.8884, 34.6151,

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

33.8884, 34.6151, 39.0777

Protanopia

33.5357, 34.6751, 39.5758

Deuteranopia

35.4000, 34.6398, 39.4707



Tritanopia

34.4734, 34.6034, 41.9080

Trichromacy



Original Color

33.8884, 34.6151, 39.0777

Protanomaly

33.7380, 34.7794, 39.5853

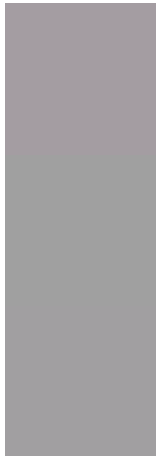
Deuteranomaly

34.9098, 34.6331, 39.4952

Tritanomaly

34.2885, 34.5294, 40.9340

Monochromacy



Original Color

33.8884, 34.6151, 39.0777

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.5291, 34.9466, 38.6964

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.8884, 34.6151, 39.0777 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(164, 157, 162)` looks like.

```
.text, #text, p{  
    color:rgb(164, 157, 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(164, 157, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 157, 162) }
```

Border

The CSS property to change the border of an element to XYZ 33.8884, 34.6151, 39.0777 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(164, 157, 162) }
```


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

```
.border{ border-color:rgb(164, 157, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 157, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 157, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 157, 162);  
box-shadow:4px 4px 4px 4px rgb(164, 157,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 33.8884, 34.6151, 39.0777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 157, 162) }
```

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

```
.background{ background-color: rgb(164,  
157, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor