

Converting Colors

XYZ(39.6136, 34.7831, 35.0276)

Have a look what the booklet for
XYZ(39.6136, 34.7831, 35.0276)
contains.

XYZ(39.7776, 34.8633, 35.2046)	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(39.7776, 34.8633,
35.2046)**

Conversions

Conversions Part 1

Format	Color
Hex	C8919A
RGB	200, 145, 154
RGB Percent	78%, 57%, 60%
CMY	0.2157, 0.4314, 0.3961
CMYK	0.00, 0.27, 0.23, 0.22
HSL	350°, 33%, 68%
HSV	350°, 27%, 78%
XYZ	39.7776, 34.8633, 35.2046
YIQ	162.4710, 29.8910, 14.4590

Conversions

Conversions Part 2

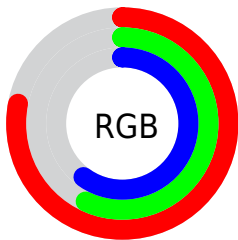
Format	Color
R _Y B	200, 145, 154
Decimal	13144474
CIE Lab	65.64, 22.09, 3.49
CIE LCh	66, 22.367, 8.982
Yxy	34.8633, 0.3621, 0.3174
Android (android.graphics.Color)	4291334554 (0xFFC8919A)
YUV	162.4710, -4.1762, 32.9129
Hunter-Lab	59.0452, 16.9231, 5.9810

Details

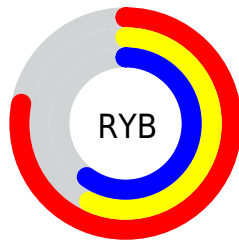
The XYZ color **39.7776, 34.8633, 35.2046** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.7368, 51.0908, 56.9547**, and the grayscale version is **34.5736, 36.3742, 39.6115**.

A 20% lighter version of the original color is **73.0486, 66.6609, 68.6913**, and **18.1279, 15.0044, 14.7727** is the 20% darker color. If you saturate the color by 10%, you get **35.6888, 28.7619, 27.4401**, and if you desaturate by 10%, it is **44.6006, 42.1215, 44.1726**.

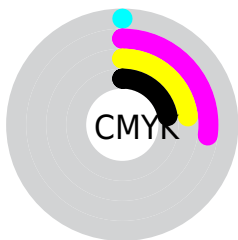
Distribution



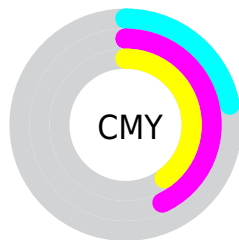
- Red (78%)
- Green (57%)
- Blue (60%)



- Red (78%)
- Yellow (57%)
- Blue (60%)



- Cyan (0%)
- Magenta (27%)
- Yellow (23%)
- Black (22%)



- Cyan (22%)
- Magenta (43%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.7776, 34.8633, 35.2046 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 39.7776, 34.8633, 35.2046 by changing the saturation by 10% instead.


 39.7776, 34.8633,
35.2046


 39.7776, 34.8633,
35.2046


336.3358,
323.9645, 340.4022

 27.5486, 23.5576,
23.5357


 74.1112, 67.2739,
68.9578

 18.1244, 15.0058,
14.7806


 96.9466, 89.1477,
91.8791

 11.1396, 8.8234,
8.5206


124.0481,
115.3129, 119.3884

 6.2288, 4.6262,
4.3373

155.7812,
146.1539, 151.9041

 3.0267, 2.0297,
1.8122

192.5111,
182.0552, 189.8448

 1.1679, 0.6246,
0.4360

234.6033,

 0.0808, 0.0000,

223.4011, 233.6290

0.0000

282.4231,
270.5761, 283.6753

■ 0.0000, 0.0000,
0.0000

■ 39.7776, 34.8633,
35.2046

■ 39.7776, 34.8633,
35.2046

■ 35.6888, 28.7619,
27.4401

■ 44.6006, 42.1215,
44.1726

■ 32.2949, 23.7529,
20.8255

■ 50.1884, 50.5871,
54.3903

■ 29.5578, 19.7729,
15.3063

■ 56.5736, 60.3132,
65.9040

■ 27.4340, 16.7501,
10.8226

■ 63.7861, 71.3487,
78.7572

■ 25.8750, 14.6033,
7.3088

■ 71.8539, 83.7396,
92.9910

■ 24.8245, 13.2378,
4.6913

■ 77.5287, 90.9791,
107.5533

■ 24.2063, 12.5210,
2.8831

■ 77.6296, 91.0194,
108.0847

■ 24.0901, 12.3877,
2.5394

Harmonies

Analogous

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



39.3915, 34.8633, 44.8275



39.7776, 34.8633, 35.2046



38.2949, 34.8633, 27.6766

Triad

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



39.7776, 34.8633, 35.2046



29.3185, 34.8633, 25.5595



30.9216, 34.8633, 57.4815

Complementary

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



39.7776, 34.8633, 35.2046



41.7368, 51.0908, 56.9547

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.



28.4635, 34.8633, 50.5196



39.7776, 34.8633, 35.2046



27.5814, 34.8633, 31.8327

Square

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



39.7776, 34.8633, 35.2046



32.1598, 34.8633, 22.7449



27.2791, 34.8633, 40.8560



34.1328, 34.8633, 58.7863

Rectangle

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



39.7776, 34.8633, 35.2046



36.5003, 34.8633, 24.4681



27.2791, 34.8633, 40.8560



29.9860, 34.8633, 55.6761

Sweetspot

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



39.7786, 34.8649, 35.2053



86.2573, 86.6172, 93.0129



41.9959, 35.4775, 59.2783



18.1305, 18.0355, 19.3046



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.



39.7786, 34.8649, 35.2053



64.4909, 53.8157, 52.6745



42.0879, 40.6381, 32.4158



10.7035, 10.6648, 11.4217



15.3396, 7.8854, 1.7321



0.7491, 0.3825, 0.2020

Inverse Universe

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



39.7786, 34.8649, 35.2053



64.4909, 53.8157, 52.6745



38.7635, 43.5107, 60.9993



10.7035, 10.6648, 11.4217



15.3396, 7.8854, 1.7321



0.7491, 0.3825, 0.2020

Previews

White Background



This preview shows how the XYZ color 39.7776, 34.8633, 35.2046 looks on a white background.

Color Contrast Check

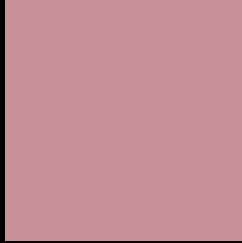
Large Text (above 18pt) WCAG AA × Fail

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 39.7776, 34.8633, 35.2046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

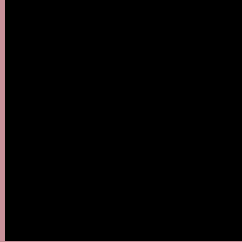
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.7776, 34.8633, 35.2046

Background



This preview shows how black text looks on a background with the XYZ color 39.7776, 34.8633, 35.2046.



This preview shows how white text looks on a background with the XYZ color 39.7776, 34.8633,

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

39.7776, 34.8633, 35.2046

Protanopia

33.8200, 35.0863, 39.1722

Deuteranopia

35.5832, 34.8432, 34.5557



Tritanopia

39.9456, 34.9305, 36.0894

Trichromacy



Original Color

39.7776, 34.8633, 35.2046

Protanomaly

35.7181, 34.8445, 37.6440

Deuteranomaly

37.0661, 34.8722, 34.9144

Tritanomaly

39.8612, 34.8967, 35.6452

Monochromacy



Original Color

39.7776, 34.8633, 35.2046

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

36.0510, 35.5102, 37.7550

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7776, 34.8633, 35.2046 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(200, 145, 154)` looks like.

```
.text, #text, p{  
    color:rgb(200, 145, 154)  
}
```

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(200, 145, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 145, 154) }
```

Border

The CSS property to change the border of an element to XYZ 39.7776, 34.8633, 35.2046 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(200, 145, 154) }
```


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

```
.border{ border-color:rgb(200, 145, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 145, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 145, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 145, 154);  
box-shadow:4px 4px 4px 4px rgb(200, 145,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7776, 34.8633, 35.2046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 145, 154) }
```

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

```
.background{ background-color: rgb(200,  
145, 154) }
```

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