

Converting Colors

XYZ(39.1550, 34.1057, 33.2323)

Have a look what the booklet for
XYZ(39.1550, 34.1057, 33.2323)
contains.

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Color

**XYZ(39.1469, 34.1263,
33.3779)**

Conversions

Conversions Part 1

Format	Color
Hex	C88F96
RGB	200, 143, 150
RGB Percent	78%, 56%, 59%
CMY	0.2157, 0.4392, 0.4118
CMYK	0.00, 0.28, 0.25, 0.22
HSL	353°, 34%, 67%
HSV	353°, 28%, 78%
XYZ	39.1469, 34.1263, 33.3779
YIQ	160.8410, 31.7250, 14.2610

Conversions

Conversions Part 2

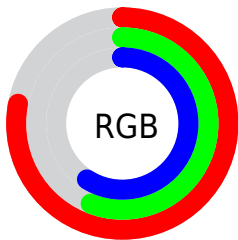
Format	Color
R _Y B	200, 143, 150
Decimal	13143958
CIE Lab	65.06, 22.60, 4.91
CIE LCh	65, 23.130, 12.255
Yxy	34.1263, 0.3671, 0.3200
Android (android.graphics.Color)	4291334038 (0xFFC88F96)
YUV	160.8410, -5.3446, 34.3424
Hunter-Lab	58.4177, 17.3855, 7.0161

Details

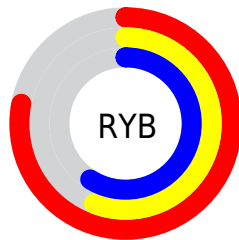
The XYZ color **39.1469, 34.1263, 33.3779** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.6091, 50.9993, 58.1055**, and the grayscale version is **33.8170, 35.5781, 38.7445**.

A 20% lighter version of the original color is **72.1053, 65.5521, 65.9792**, and **17.7563, 14.5749, 13.6818** is the 20% darker color. If you saturate the color by 10%, you get **35.0992, 28.1250, 25.5724**, and if you desaturate by 10%, it is **43.9433, 41.2859, 42.4774**.

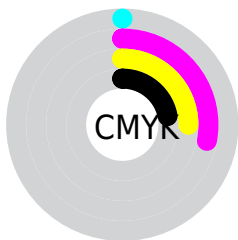
Distribution



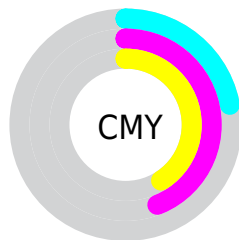
- Red (78%)
- Green (56%)
- Blue (59%)



- Red (78%)
- Yellow (56%)
- Blue (59%)



- Cyan (0%)
- Magenta (28%)
- Yellow (25%)
- Black (22%)





- Cyan (22%)
- Magenta (44%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.1469, 34.1263, 33.3779 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 39.1469, 34.1263, 33.3779 by changing the saturation by 10% instead.


 39.1469, 34.1263,
33.3779


 39.1469, 34.1263,
33.3779


333.7111,
320.6949, 332.0332

 27.0553, 22.9906,
22.1426


 73.1553, 66.1300,
66.0879

 17.7515, 14.5866,
13.7624


 95.8028, 87.7669,
88.3996

 10.8704, 8.5298,
7.8187


122.6996,
113.6729, 115.2406

 6.0464, 4.4358,
3.8931

154.2111,
144.2326, 147.0294

 2.9142, 1.9202,
1.5669

190.7027,
179.8302, 184.1846

 1.1086, 0.5605,
0.2670

232.5396,

 0.0323, 0.0000,

220.8502, 227.1245

0.0000

280.0873,
267.6769, 276.2679

■ 0.0000, 0.0000,
0.0000

■ 39.1469, 34.1263,
33.3779

■ 39.1469, 34.1263,
33.3779

■ 35.0992, 28.1250,
25.5724

■ 43.9433, 41.2859,
42.4774

■ 31.7596, 23.2167,
19.0001

■ 49.5207, 49.6551,
52.9238

■ 29.0879, 19.3366,
13.5981

■ 55.9129, 59.2882,
64.7698

■ 27.0386, 16.4115,
9.2973

■ 63.1509, 70.2345,
78.0644

■ 25.5606, 14.3584,
6.0214

■ 71.2642, 82.5407,
92.8544

■ 24.5945, 13.0798,
3.6838

■ 77.6295, 91.0194,
108.0847

■ 24.0521, 12.4246,
2.1787

■ 23.9902, 12.3477,
2.0133

Harmonies

Analogous

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



38.9661, 34.1263, 43.0690



39.1469, 34.1263, 33.3779



37.4413, 34.1263, 26.0818

Triad

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



39.1469, 34.1263, 33.3779



28.2944, 34.1263, 25.1072



30.5120, 34.1263, 57.6434

Complementary

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



39.1469, 34.1263, 33.3779



41.6091, 50.9993, 58.1055

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.



27.8979, 34.1263, 50.9946



39.1469, 34.1263, 33.3779



26.6795, 34.1263, 31.8137

Square

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



39.1469, 34.1263, 33.3779



31.0879, 34.1263, 21.8881



26.5396, 34.1263, 41.2127



33.8226, 34.1263, 58.2586

Rectangle

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



39.1469, 34.1263, 33.3779



35.5283, 34.1263, 23.1051



26.5396, 34.1263, 41.2127



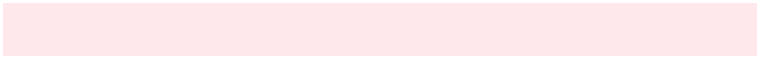
29.5286, 34.1263, 55.9932

Sweetspot

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



39.1478, 34.1279, 33.3786



85.0869, 84.9919, 90.4171



42.0885, 35.0755, 59.1957



17.8912, 17.7094, 18.7543



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.



39.1478, 34.1279, 33.3786



63.4289, 52.6285, 49.4323



42.0360, 40.7791, 31.6442



10.6860, 10.6578, 11.3295



15.2718, 7.8583, 1.3752



0.7411, 0.3793, 0.1600

Inverse Universe

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



39.1478, 34.1279, 33.3786



63.4289, 52.6285, 49.4323



37.8945, 42.2914, 60.8096



10.6860, 10.6578, 11.3295



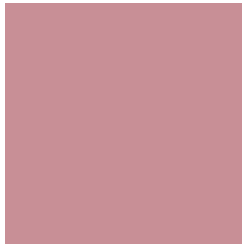
15.2718, 7.8583, 1.3752



0.7411, 0.3793, 0.1600

Previews

White Background



This preview shows how the XYZ color 39.1469, 34.1263, 33.3779 looks on a white background.

Color Contrast Check

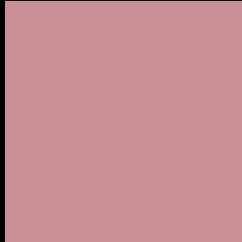
Large Text (above 18pt) WCAG AA × Fail

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 39.1469, 34.1263, 33.3779 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 39.1469, 34.1263, 33.3779

Background



This preview shows how black text looks on a background with the XYZ color 39.1469, 34.1263, 33.3779.



This preview shows how white text looks on a background with the XYZ color 39.1469, 34.1263,

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

39.1469, 34.1263, 33.3779

Protanopia

32.9265, 34.1596, 37.2058

Deuteranopia

34.8680, 34.2677, 32.7936



Tritanopia

39.2422, 33.9253, 34.6169

Trichromacy



Original Color

39.1469, 34.1263, 33.3779

Protanomaly

34.8238, 33.9370, 35.7254

Deuteranomaly

36.1798, 33.9791, 33.0855

Tritanomaly

39.1599, 33.8924, 34.1837

Monochromacy



Original Color

39.1469, 34.1263, 33.3779

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

35.3206, 34.6595, 36.7266

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1469, 34.1263, 33.3779 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, 143, 150)` looks like.

```
.text, #text, p{  
    color:rgb(200, 143, 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(200, 143, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 143, 150) }
```

Border

The CSS property to change the border of an element to XYZ 39.1469, 34.1263, 33.3779 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, 143, 150) }
```


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

```
.border{ border-color:rgb(200, 143, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 143, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 143, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 143, 150);  
box-shadow:4px 4px 4px 4px rgb(200, 143,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1469, 34.1263, 33.3779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 143, 150) }
```

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

```
.background{ background-color: rgb(200,  
143, 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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