

Converting Colors

XYZ(39.0317, 34.5296, 32.6375)

Have a look what the booklet for
XYZ(39.0317, 34.5296, 32.6375)
contains.

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Color

**XYZ(39.0239, 34.5310,
32.6253)**

Conversions

Conversions Part 1

Format	Color
Hex	C79194
RGB	199, 145, 148
RGB Percent	78%, 57%, 58%
CMY	0.2196, 0.4314, 0.4196
CMYK	0.00, 0.27, 0.26, 0.22
HSL	357°, 33%, 67%
HSV	357°, 27%, 78%
XYZ	39.0239, 34.5310, 32.6253
YIQ	161.4880, 31.2210, 12.3810

Conversions

Conversions Part 2

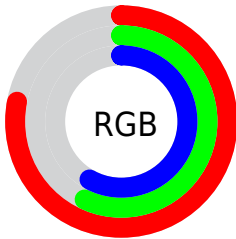
Format	Color
RYB	199, 145, 148
Decimal	13078932
CIELab	65.38, 20.84, 6.48
CIElCh	65, 21.822, 17.277
Yxy	34.5310, 0.3675, 0.3252
Android (android.graphics.Color)	4291269012 (0xFFC79194)
YUV	161.4880, -6.6496, 32.8980
Hunter-Lab	58.7631, 15.7044, 8.2163

Details

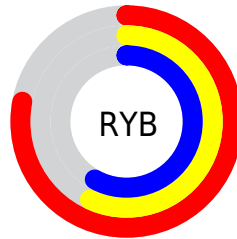
The XYZ color **39.0239, 34.5310, 32.6253** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.0658, 50.8530, 59.8257**, and the grayscale version is **34.1240, 35.9011, 39.0963**.

A 20% lighter version of the original color is **72.3241, 66.3711, 64.8761**, and **17.6620, 14.7978, 13.2346** is the 20% darker color. If you saturate the color by 10%, you get **34.8763, 28.4264, 24.4891**, and if you desaturate by 10%, it is **43.9476, 41.8007, 42.2128**.

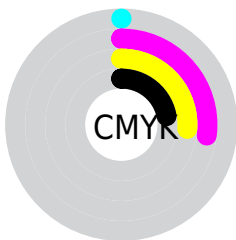
Distribution



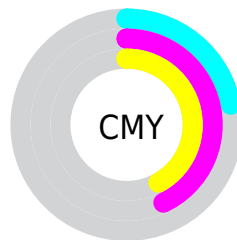
- Red (78%)
- Green (57%)
- Blue (58%)



- Red (78%)
- Yellow (57%)
- Blue (58%)



- Cyan (0%)
- Magenta (27%)
- Yellow (26%)
- Black (22%)





- Cyan (22%)
- Magenta (43%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.0239, 34.5310, 32.6253 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 39.0239, 34.5310, 32.6253 by changing the saturation by 10% instead.


 39.0239, 34.5310,
32.6253


 39.0239, 34.5310,
32.6253


333.1975,
322.4933, 328.5380

 26.9591, 23.3018,
21.5708


 72.9687, 66.7586,
64.8993

 17.6790, 14.8165,
13.3466


 95.5794, 88.5258,
86.9560

 10.8180, 8.6907,
7.5341

122.4361,
114.5744, 113.5170

 6.0110, 4.5400,
3.7148

153.9042,
145.2889, 145.0011

 2.8925, 1.9800,
1.4702

190.3490,
181.0536, 181.8267

 1.0972, 0.5958,
0.1956

232.1360,

 0.0227, 0.0000,

222.2530, 224.4123

0.0000

279.6303,
269.2715, 273.1766

■ 0.0000, 0.0000,
0.0000

■ 39.0239, 34.5310,
32.6253

■ 39.0239, 34.5310,
32.6253

■ 34.8763, 28.4264,
24.4891

■ 43.9476, 41.8007,
42.2128

■ 31.4626, 23.4218,
17.7316

■ 49.6812, 50.2864,
53.3154

■ 28.7408, 19.4532,
12.2769

■ 56.2599, 60.0421,
65.9954

■ 26.6635, 16.4480,
8.0411

■ 63.7160, 71.1170,
80.3111

■ 25.1774, 14.3242,
4.9306

■ 72.0802, 83.5576,
96.3180

■ 24.2208, 12.9863,
2.8378

■ 77.3633, 90.8822,
108.0723

■ 23.7120, 12.3047,
1.6325

■ 23.6140, 12.1664,
1.4217

Harmonies

Analogous

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



39.1655, 34.5310, 41.5956



39.0239, 34.5310, 32.6253



37.1542, 34.5310, 26.1273

Triad

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



39.0239, 34.5310, 32.6253



28.5233, 34.5310, 26.9084



31.4901, 34.5310, 57.4372

Complementary

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



39.0239, 34.5310, 32.6253



42.0658, 50.8530, 59.8257

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.



28.8379, 34.5310, 52.0144



39.0239, 34.5310, 32.6253



27.2010, 34.5310, 33.8658

Square

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



39.0239, 34.5310, 32.6253



31.0349, 34.5310, 23.2120



27.3123, 34.5310, 43.0528



34.6737, 34.5310, 56.9600

Rectangle

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



39.0239, 34.5310, 32.6253



35.2440, 34.5310, 23.6278



27.3123, 34.5310, 43.0528



30.5111, 34.5310, 56.2114

Sweetspot

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



39.0248, 34.5326, 32.6260



85.9353, 86.4884, 91.3175



43.0444, 36.0314, 58.7192



18.0502, 18.0034, 18.8817



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.



39.0248, 34.5326, 32.6260



63.5636, 53.4448, 47.7911



42.7417, 42.3410, 32.7099



10.6573, 10.6463, 11.1788



15.1949, 7.8275, 0.9700



0.7280, 0.3740, 0.0907

Inverse Universe

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



39.0248, 34.5326, 32.6260



63.5636, 53.4448, 47.7911



37.4343, 41.0387, 59.9814



10.6573, 10.6463, 11.1788



15.1949, 7.8275, 0.9700



0.7280, 0.3740, 0.0907

Previews

White Background



This preview shows how the XYZ color 39.0239, 34.5310, 32.6253 looks on a white background.

Color Contrast Check

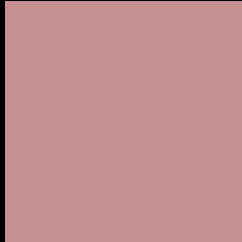
Large Text (above 18pt) WCAG AA × Fail

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 39.0239, 34.5310, 32.6253 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 39.0239, 34.5310, 32.6253

Background



This preview shows how black text looks on a background with the XYZ color 39.0239, 34.5310, 32.6253.



This preview shows how white text looks on a background with the XYZ color 39.0239, 34.5310,

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

39.0239, 34.5310, 32.6253

Protanopia

33.2475, 34.6068, 35.9378

Deuteranopia

35.1699, 34.4415, 31.9883



Tritanopia

39.7091, 34.5924, 35.5945

Trichromacy



Original Color

39.0239, 34.5310, 32.6253

Protanomaly

34.9632, 34.2796, 34.4796

Deuteranomaly

36.4225, 34.3584, 32.3159

Tritanomaly

39.4602, 34.4929, 34.2838

Monochromacy



Original Color

39.0239, 34.5310, 32.6253

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

35.4013, 34.9569, 36.3340

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0239, 34.5310, 32.6253 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(199, 145, 148)` looks like.

```
.text, #text, p{  
    color:rgb(199, 145, 148)  
}
```

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(199, 145, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 145, 148) }
```

Border

The CSS property to change the border of an element to XYZ 39.0239, 34.5310, 32.6253 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(199, 145, 148) }
```


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

```
.border{ border-color:rgb(199, 145, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 145, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 145, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 145, 148);  
box-shadow:4px 4px 4px 4px rgb(199, 145,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0239, 34.5310, 32.6253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 145, 148) }
```

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

```
.background{ background-color: rgb(199,  
145, 148) }
```

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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