

Converting Colors

XYZ(39.4324, 34.7707, 32.4529)

Have a look what the booklet for
XYZ(39.4324, 34.7707, 32.4529)
contains.

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Color

**XYZ(39.5581, 34.8064,
32.6503)**

Conversions

Conversions Part 1

Format	Color
Hex	C99194
RGB	201, 145, 148
RGB Percent	79%, 57%, 58%
CMY	0.2118, 0.4314, 0.4196
CMYK	0.00, 0.28, 0.26, 0.21
HSL	357°, 34%, 68%
HSV	357°, 28%, 79%
XYZ	39.5581, 34.8064, 32.6503
YIQ	162.0860, 32.4130, 12.8050

Conversions

Conversions Part 2

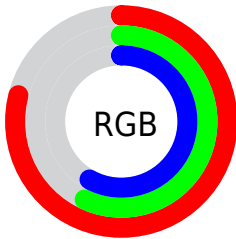
Format	Color
RYB	201, 145, 148
Decimal	13210004
CIELab	65.60, 21.60, 6.82
CIELCh	66, 22.646, 17.524
Yxy	34.8064, 0.3697, 0.3252
Android (android.graphics.Color)	4291400084 (0xFFC99194)
YUV	162.0860, -6.9444, 34.1276
Hunter-Lab	58.9969, 16.4415, 8.4854

Details

The XYZ color **39.5581, 34.8064, 32.6503** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.7582, 51.8711, 61.1873**, and the grayscale version is **34.4046, 36.1963, 39.4178**.

A 20% lighter version of the original color is **72.3241, 66.3711, 64.8761**, and **18.0144, 14.9795, 13.2511** is the 20% darker color. If you saturate the color by 10%, you get **35.3700, 28.6451, 24.4255**, and if you desaturate by 10%, it is **44.5390, 42.1567, 42.3612**.

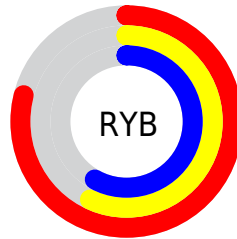
Distribution



Red (79%)

Green (57%)

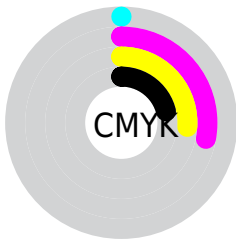
Blue (58%)



Red (79%)

Yellow (57%)

Blue (58%)

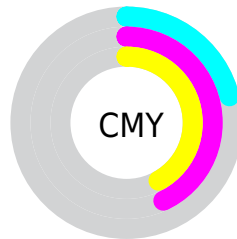


Cyan (0%)

Magenta (28%)

Yellow (26%)

Black (21%)



Cyan (21%)


Magenta (43%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.5581, 34.8064, 32.6503 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 39.5581, 34.8064, 32.6503 by changing the saturation by 10% instead.

 39.5581, 34.8064,
32.6503


 39.5581, 34.8064,
32.6503


335.4239,
323.7130, 328.6546

 27.3768, 23.5138,
21.5898


 73.7788, 67.1857,
64.9389

 17.9945, 14.9733,
13.3604

 96.5489, 89.0413,
87.0040

 11.0457, 8.8007,
7.5435


123.5793,
115.1865, 113.5744

 6.1651, 4.6114,
3.7207

155.2355,
146.0059, 145.0686

 2.9873, 2.0211,
1.4734

191.8826,
181.8839, 181.9052

 1.1471, 0.6197,
0.1980

233.8862,

 0.0640, 0.0000,

223.2048, 224.5027

0.0000

281.6115,
270.3530, 273.2797

0.0000, 0.0000,
0.0000

39.5581, 34.8064,
32.6503

39.5581, 34.8064,
32.6503

35.3700, 28.6451,
24.4255

44.5390, 42.1567,
42.3612

31.9311, 23.6058,
17.6115

50.3477, 50.7487,
53.6242

29.1980, 19.6223,
12.1296

57.0204, 60.6377,
66.5039

27.1217, 16.6196,
7.8927

64.5904, 71.8745,
81.0606

25.6469, 14.5127,
4.8029

73.0894, 84.5070,
97.3515

■ 24.7092, 13.2023,
2.7483

■ 77.8975, 91.1576,
108.0973

■ 24.2192, 12.5450,
1.5905

■ 24.1465, 12.4412,
1.4379

Harmonies

Analogous

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



39.7224, 34.8064, 41.9910



39.5581, 34.8064, 32.6503



37.5881, 34.8064, 25.9389

Triad

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



39.5581, 34.8064, 32.6503



28.5894, 34.8064, 26.8342



31.7210, 34.8064, 58.7235

Complementary

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



39.5581, 34.8064, 32.6503



42.7582, 51.8711, 61.1873

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.



28.9520, 34.8064, 53.0629



39.5581, 34.8064, 32.6503



27.2270, 34.8064, 34.0804

Square

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



39.5581, 34.8064, 32.6503



31.1953, 34.8064, 22.9878



27.3551, 34.8064, 43.6804



35.0442, 34.8064, 58.1666

Rectangle

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



39.5581, 34.8064, 32.6503



35.5861, 34.8064, 23.3775



27.3551, 34.8064, 43.6804



30.6991, 34.8064, 57.4499

Sweetspot

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



39.5590, 34.8080, 32.6510



85.9295, 86.4861, 91.2866



43.7649, 36.3758, 59.9732



18.0488, 18.0028, 18.8740



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.



39.5590, 34.8080, 32.6510



63.5471, 53.4382, 47.7044



43.4369, 42.9384, 32.7886



10.6565, 10.6460, 11.1744



15.1931, 7.8268, 0.9607



0.7276, 0.3739, 0.0887

Inverse Universe

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



39.5590, 34.8080, 32.6510



63.5471, 53.4382, 47.7044



37.8906, 41.5772, 61.2868



10.6565, 10.6460, 11.1744



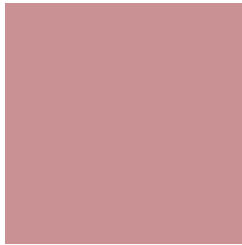
15.1931, 7.8268, 0.9607



0.7276, 0.3739, 0.0887

Previews

White Background



This preview shows how the XYZ color 39.5581, 34.8064, 32.6503 looks on a white background.

Color Contrast Check

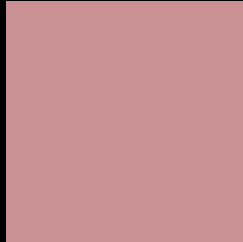
Large Text (above 18pt) WCAG AA × Fail

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 39.5581, 34.8064, 32.6503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

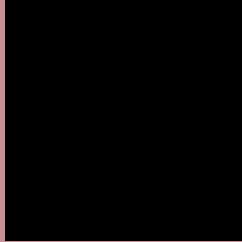
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.5581, 34.8064, 32.6503

Background



This preview shows how black text looks on a background with the XYZ color 39.5581, 34.8064, 32.6503.



This preview shows how white text looks on a background with the XYZ color 39.5581, 34.8064,

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

39.5581, 34.8064, 32.6503

Protanopia

33.5031, 34.9831, 36.4391

Deuteranopia

35.5663, 34.8898, 32.0540



Tritanopia

40.2468, 34.8696, 35.6196

Trichromacy



Original Color

39.5581, 34.8064, 32.6503

Protanomaly

35.4368, 34.7582, 34.9783

Deuteranomaly

37.0721, 34.9312, 32.3922

Tritanomaly

39.9979, 34.7701, 34.3089

Monochromacy



Original Color

39.5581, 34.8064, 32.6503

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

35.8788, 35.4414, 36.8481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5581, 34.8064, 32.6503 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(201, 145, 148)` looks like.

```
.text, #text, p{  
    color:rgb(201, 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(201, 145, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 145, 148) }
```

Border

The CSS property to change the border of an element to XYZ 39.5581, 34.8064, 32.6503 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(201, 145, 148) }
```


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

```
.border{ border-color:rgb(201, 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(201, 145, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 145, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 145, 148);  
box-shadow:4px 4px 4px 4px rgb(201, 145,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5581, 34.8064, 32.6503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 145, 148) }
```

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

```
.background{ background-color: rgb(201,  
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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