

Converting Colors

XYZ(39.7490, 34.9139, 32.2478)

Have a look what the booklet for
XYZ(39.7490, 34.9139, 32.2478)
contains.

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Color

**XYZ(39.7490, 34.9139,
32.2478)**

Conversions

Conversions Part 1

Format	Color
Hex	CA9193
RGB	202, 145, 147
RGB Percent	79%, 57%, 58%
CMY	0.2078, 0.4314, 0.4235
CMYK	0.00, 0.28, 0.27, 0.21
HSL	358°, 35%, 68%
HSV	358°, 28%, 79%
XYZ	39.7490, 34.9139, 32.2478
YIQ	162.2710, 33.3300, 12.7060

Conversions

Conversions Part 2

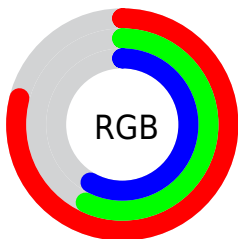
Format	Color
R _Y B	202, 145, 147
Decimal	13275539
CIE Lab	65.68, 21.83, 7.52
CIE LCh	66, 23.091, 18.996
Yxy	34.9139, 0.3718, 0.3266
Android (android.graphics.Color)	4291465619 (0xFFCA9193)
YUV	162.2710, -7.5286, 34.8423
Hunter-Lab	59.0880, 16.6745, 9.0035

Details

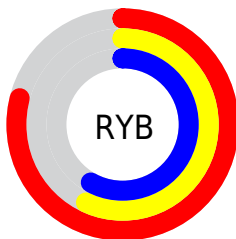
The XYZ color **39.7490, 34.9139, 32.2478** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.2244, 52.4318, 62.4885**, and the grayscale version is **34.4937, 36.2901, 39.5199**.

A 20% lighter version of the original color is **72.2060, 66.3239, 64.2545**, and **18.1930, 15.0715, 13.2595** is the 20% darker color. If you saturate the color by 10%, you get **35.5302, 28.7201, 23.9237**, and if you desaturate by 10%, it is **44.7777, 42.3122, 42.1213**.

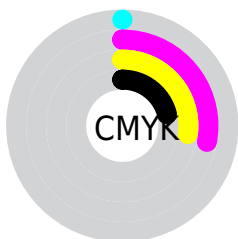
Distribution



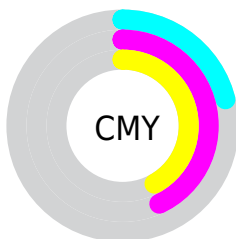
- Red (79%)
- Green (57%)
- Blue (58%)



- Red (79%)
- Yellow (57%)
- Blue (58%)



- Cyan (0%)
- Magenta (28%)
- Yellow (27%)
- Black (21%)





- Cyan (21%)
- Magenta (43%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.7490, 34.9139, 32.2478 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 39.7490, 34.9139, 32.2478 by changing the saturation by 10% instead.


 39.7490, 34.9139,
32.2478


 39.7490, 34.9139,
32.2478


336.2171,
324.1881, 326.7740

 27.5262, 23.5966,
21.2845


 74.0679, 67.3524,
64.3018

 18.1075, 15.0346,
13.1388


 96.8948, 89.2423,
86.2295

 11.1273, 8.8437,
7.3924


123.9871,
115.4252, 112.6491

 6.2205, 4.6394,
3.6265

155.7101,
146.2854, 143.9791

 3.0215, 2.0373,
1.4228

192.4293,
182.2075, 180.6380

 1.1652, 0.6290,
0.1594

234.5099,

 0.0786, 0.0000,

223.5757, 223.0444

0.0000

282.3174,
270.7744, 271.6169

■ 0.0000, 0.0000,
0.0000

■ 39.7490, 34.9139,
32.2478

■ 39.7490, 34.9139,
32.2478

■ 35.5302, 28.7201,
23.9237

■ 44.7777, 42.3122,
42.1213

■ 32.0763, 23.6625,
17.0685

■ 50.6525, 50.9688,
53.6150

■ 29.3423, 19.6736,
11.5974

■ 57.4109, 60.9403,
66.7979

■ 27.2773, 16.6766,
7.4164

■ 65.0873, 72.2781,
81.7343

■ 25.8239, 14.5847,
4.4197

■ 73.7143, 85.0312,
98.4853

■ 24.9148, 13.2958,
2.4845

■ 78.1673, 91.2966,
108.1099

■ 24.4542, 12.6580,
1.4576

■ 24.3960, 12.5721,
1.3440

Harmonies

Analogous

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



40.0152, 34.9139, 41.6975



39.7490, 34.9139, 32.2478



37.6555, 34.9139, 25.5779

Triad

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



39.7490, 34.9139, 32.2478



28.4971, 34.9139, 27.0191



31.9539, 34.9139, 59.4833

Complementary

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



39.7490, 34.9139, 32.2478



43.2244, 52.4318, 62.4885

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.



29.0824, 34.9139, 53.9449



39.7490, 34.9139, 32.2478



27.1792, 34.9139, 34.5566

Square

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



39.7490, 34.9139, 32.2478



31.1044, 34.9139, 22.9339



27.3859, 34.9139, 44.4325



35.3556, 34.9139, 58.5789

Rectangle

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



39.7490, 34.9139, 32.2478



35.5804, 34.9139, 23.0944



27.3859, 34.9139, 44.4325



30.8989, 34.9139, 58.2803

Sweetspot

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



39.7499, 34.9155, 32.2485



85.8748, 86.4642, 90.9988



44.3801, 36.6793, 60.6182



18.0352, 17.9974, 18.8023



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.



39.7499, 34.9155, 32.2485



62.6809, 52.3293, 45.4933



43.9659, 43.5960, 32.8877



11.2280, 11.2199, 11.7352



15.7053, 8.0927, 0.9010



0.8159, 0.4198, 0.0765

Inverse Universe

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



39.7499, 34.9155, 32.2485



62.6809, 52.3293, 45.4933



37.9332, 41.4736, 61.8833



11.2280, 11.2199, 11.7352



15.7053, 8.0927, 0.9010



0.8159, 0.4198, 0.0765

Previews

White Background



This preview shows how the XYZ color 39.7490, 34.9139, 32.2478 looks on a white background.

Color Contrast Check

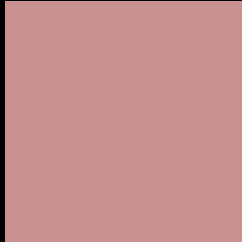
Large Text (above 18pt) WCAG AA × Fail

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 39.7490, 34.9139, 32.2478 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 39.7490, 34.9139, 32.2478

Background



This preview shows how black text looks on a background with the XYZ color 39.7490, 34.9139, 32.2478.



This preview shows how white text looks on a background with the XYZ color 39.7490, 34.9139,

32.2478.

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

39.7490, 34.9139, 32.2478

Protanopia

33.6244, 35.0553, 36.0045

Deuteranopia

35.7225, 34.9793, 31.6570



Tritanopia

40.5183, 35.0096, 35.6323

Trichromacy



Original Color

39.7490, 34.9139, 32.2478

Protanomaly

35.5832, 34.8432, 34.5557

Deuteranomaly

37.2412, 35.0274, 31.9923

Tritanomaly

40.2694, 34.9100, 34.3216

Monochromacy



Original Color

39.7490, 34.9139, 32.2478

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

36.1057, 35.5584, 36.8588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7490, 34.9139, 32.2478 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(202, 145, 147)` looks like.

```
.text, #text, p{  
    color:rgb(202, 145, 147)  
}
```

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(202, 145, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 145, 147) }
```

Border

The CSS property to change the border of an element to XYZ 39.7490, 34.9139, 32.2478 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(202, 145, 147) }
```


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

```
.border{ border-color:rgb(202, 145, 147) }
```

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

Here you see how a box with a 4 pixel rgb(202, 145, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 145, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 145, 147);  
box-shadow:4px 4px 4px 4px rgb(202, 145,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7490, 34.9139, 32.2478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 145, 147) }
```

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

```
.background{ background-color: rgb(202,  
145, 147) }
```

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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