

Converting Colors

XYZ(39.8691, 34.5027, 31.6478)

Have a look what the booklet for
XYZ(39.8691, 34.5027, 31.6478)
contains.

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Color

**XYZ(39.9126, 34.5576,
31.7608)**

Conversions

Conversions Part 1

Format	Color
Hex	CC8F92
RGB	204, 143, 146
RGB Percent	80%, 56%, 57%
CMY	0.2000, 0.4392, 0.4274
CMYK	0.00, 0.30, 0.28, 0.20
HSL	357°, 37%, 68%
HSV	357°, 30%, 80%
XYZ	39.9126, 34.5576, 31.7608
YIQ	161.5810, 35.3930, 13.8650

Conversions

Conversions Part 2

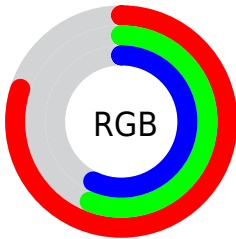
Format	Color
RYB	204, 143, 146
Decimal	13406098
CIELab	65.40, 23.55, 7.71
CIElCh	65, 24.777, 18.129
Yxy	34.5576, 0.3757, 0.3253
Android (android.graphics.Color)	4291596178 (0xFFCC8F92)
YUV	161.5810, -7.6814, 37.2015
Hunter-Lab	58.7857, 18.3177, 9.1167

Details

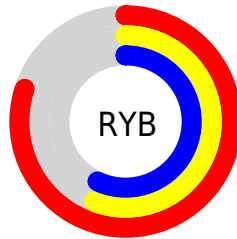
The XYZ color **39.9126, 34.5576, 31.7608** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.4646, 53.2432, 63.2471**, and the grayscale version is **34.1707, 35.9503, 39.1498**.

A 20% lighter version of the original color is **71.6316, 65.3626, 63.4844**, and **18.1512, 14.7947, 12.9653** is the 20% darker color. If you saturate the color by 10%, you get **35.7409, 28.4275, 23.5466**, and if you desaturate by 10%, it is **44.8991, 41.9071, 41.5105**.

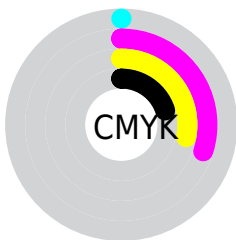
Distribution



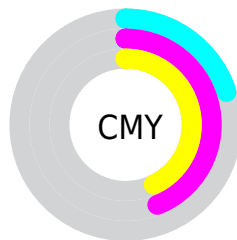
- Red (80%)
- Green (56%)
- Blue (57%)



- Red (80%)
- Yellow (56%)
- Blue (57%)



- Cyan (0%)
- Magenta (30%)
- Yellow (28%)
- Black (20%)




- Cyan (20%)
- Magenta (44%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.9126, 34.5576, 31.7608 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 39.9126, 34.5576, 31.7608 by changing the saturation by 10% instead.

 39.9126, 34.5576,
31.7608


 39.9126, 34.5576,
31.7608


336.8958,
322.6113, 324.4873

 27.6543, 23.3223,
20.9156


 74.3156, 66.7998,
63.5295

 18.2044, 14.8317,
12.8716


 97.1910, 88.5756,
85.2899

 11.1974, 8.7013,
7.2105


124.3362,
114.6336, 111.5259

 6.2680, 4.5469,
3.5137


156.1165,
145.3582, 142.6560

 3.0509, 1.9839,
1.3625

192.8972,
181.1339, 179.0986

 1.1808, 0.5981,
0.1122

235.0438,

 0.0911, 0.0000,

222.3451, 221.2723

0.0000

282.9215,
269.3760, 269.5957

0.0000, 0.0000,
0.0000

39.9126, 34.5576,
31.7608

39.9126, 34.5576,
31.7608

35.7409, 28.4275,
23.5466

44.8991, 41.9071,
41.5105

32.3381, 23.4464,
16.7877

50.7375, 50.5317,
52.8662

29.6580, 19.5440,
11.3999

57.4661, 60.4898,
65.8965

27.6483, 16.6407,
7.2893

65.1200, 71.8344,
80.6653

26.2496, 14.6455,
4.3503

73.7323, 84.6160,
97.2335

■ 25.3923, 13.4511,
2.4605

■ 78.7119, 91.5774,
108.1354

■ 24.9601, 12.8642,
1.4608

■ 24.9568, 12.8594,
1.4545

Harmonies

Analogous

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



40.1369, 34.5576, 41.8773



39.9126, 34.5576, 31.7608



37.7127, 34.5576, 24.6531

Triad

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



39.9126, 34.5576, 31.7608



27.9321, 34.5576, 25.8320



31.4353, 34.5576, 60.6927

Complementary

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



39.9126, 34.5576, 31.7608



43.4646, 53.2432, 63.2471

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.



28.4171, 34.5576, 54.5033



39.9126, 34.5576, 31.7608



26.4962, 34.5576, 33.6751

Square

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



39.9126, 34.5576, 31.7608



30.7280, 34.5576, 21.6882



26.6669, 34.5576, 44.1752



35.0591, 34.5576, 59.9214

Rectangle

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



39.9126, 34.5576, 31.7608



35.5068, 34.5576, 21.9979



26.6669, 34.5576, 44.1752



30.3215, 34.5576, 59.3167

Sweetspot

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



39.9135, 34.5592, 31.7615



84.8440, 84.8947, 89.1382



44.7964, 36.4168, 61.7950



17.8319, 17.6857, 18.4424



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.



39.9135, 34.5592, 31.7615



61.4135, 50.3418, 43.3839



44.3200, 43.7403, 32.0955



11.2343, 11.2224, 11.7684



15.7181, 8.0978, 0.9684



0.8189, 0.4210, 0.0920

Inverse Universe

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



39.9135, 34.5592, 31.7615



61.4135, 50.3418, 43.3839



37.8616, 41.4675, 63.1354



11.2343, 11.2224, 11.7684



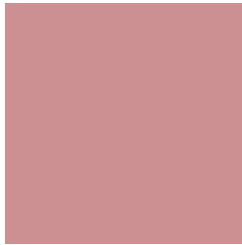
15.7181, 8.0978, 0.9684



0.8189, 0.4210, 0.0920

Previews

White Background



This preview shows how the XYZ color 39.9126, 34.5576, 31.7608 looks on a white background.

Color Contrast Check

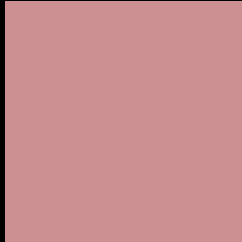
Large Text (above 18pt) WCAG AA × Fail

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 39.9126, 34.5576, 31.7608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

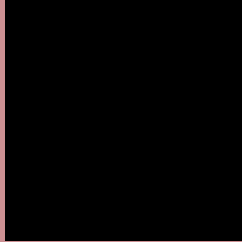
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.9126, 34.5576, 31.7608

Background



This preview shows how black text looks on a background with the XYZ color 39.9126, 34.5576, 31.7608.



This preview shows how white text looks on a background with the XYZ color 39.9126, 34.5576,

31.7608.

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

39.9126, 34.5576, 31.7608

Protanopia

33.1639, 34.5733, 35.4972

Deuteranopia

35.2477, 34.4994, 31.1869



Tritanopia

40.5996, 34.6250, 34.6805

Trichromacy



Original Color

39.9126, 34.5576, 31.7608

Protanomaly

35.3372, 34.4818, 34.0713

Deuteranomaly

36.8445, 34.3580, 31.4779

Tritanomaly

40.3549, 34.5271, 33.3916

Monochromacy



Original Color

39.9126, 34.5576, 31.7608

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

35.8536, 35.1901, 36.3552

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9126, 34.5576, 31.7608 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(204, 143, 146)` looks like.

```
.text, #text, p{  
    color:rgb(204, 143, 146)  
}
```

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(204, 143, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 143, 146) }
```

Border

The CSS property to change the border of an element to XYZ 39.9126, 34.5576, 31.7608 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(204, 143, 146) }
```


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

```
.border{ border-color:rgb(204, 143, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 143, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 143, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 143, 146);  
box-shadow:4px 4px 4px 4px rgb(204, 143,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9126, 34.5576, 31.7608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 143, 146) }
```

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

```
.background{ background-color: rgb(204,  
143, 146) }
```

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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