

Converting Colors

XYZ(39.4144, 34.9087, 26.1403)

Have a look what the booklet for
XYZ(39.4144, 34.9087, 26.1403)
contains.

XYZ(39.3990, 34.8686, 26.1265)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(39.3990, 34.8686,
26.1265)**

Conversions

Conversions Part 1

Format	Color
Hex	CD9183
RGB	205, 145, 131
RGB Percent	80%, 57%, 51%
CMY	0.1961, 0.4314, 0.4863
CMYK	0.00, 0.29, 0.36, 0.20
HSL	11°, 43%, 66%
HSV	11°, 36%, 80%
XYZ	39.3990, 34.8686, 26.1265
YIQ	161.3440, 40.2540, 8.3660

Conversions

Conversions Part 2

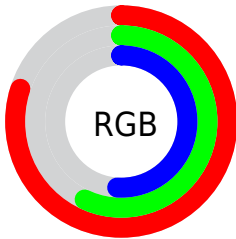
Format	Color
R _Y B	205, 148, 131
Decimal	13472131
CIE Lab	65.65, 20.88, 16.49
CIE LCh	66, 26.609, 38.291
Yxy	34.8686, 0.3924, 0.3473
Android (android.graphics.Color)	4291662211 (0xFFCD9183)
YUV	161.3440, -14.9596, 38.2863
Hunter-Lab	59.0496, 15.7616, 15.1019

Details

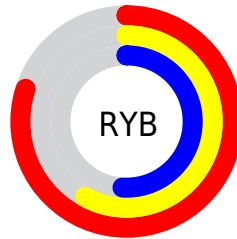
The XYZ color **39.3990, 34.8686, 26.1265** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.0097, 46.4932, 64.6758**, and the grayscale version is **34.0914, 35.8668, 39.0590**.

A 20% lighter version of the original color is **70.3152, 65.5675, 54.2972**, and **17.9201, 15.0042, 9.9342** is the 20% darker color. If you saturate the color by 10%, you get **35.7882, 29.6548, 18.7330**, and if you desaturate by 10%, it is **43.6581, 40.9388, 35.0930**.

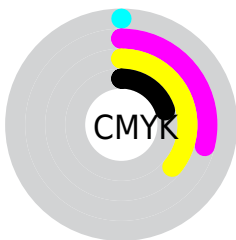
Distribution



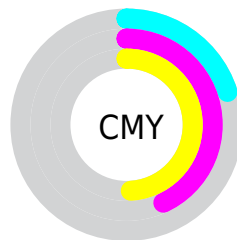
- Red (80%)
- Green (57%)
- Blue (51%)



- Red (80%)
- Yellow (58%)
- Blue (51%)



- Cyan (0%)
- Magenta (29%)
- Yellow (36%)
- Black (20%)





- Cyan (20%)
- Magenta (43%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.3990, 34.8686, 26.1265 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 39.3990, 34.8686, 26.1265 by changing the saturation by 10% instead.


 39.3990, 34.8686,
26.1265


 39.3990, 34.8686,
26.1265

334.7619,
323.9880, 297.0277


 27.2524, 23.5617,
16.6917


 73.5376, 67.2822,
54.4655

 17.9004, 15.0088,
9.8553


 96.2604, 89.1576,
74.2068

 10.9778, 8.8256,
5.1988


 123.2392,
115.3246, 98.2207

 6.1191, 4.6276,
2.3036

154.8394,
146.1677, 126.9257

 2.9590, 2.0304,
0.7332

191.4265,
182.0711, 160.7404

 1.1321, 0.6251,
0.0000

233.3657,

 0.0517, 0.0000,

223.4194, 200.0832

0.0000

281.0224,
270.5969, 245.3728

■ 0.0000, 0.0000,
0.0000

■ 39.3990, 34.8686,
26.1265

■ 39.3990, 34.8686,
26.1265

■ 35.7882, 29.6548,
18.7330

■ 43.6581, 40.9388,
35.0930

■ 32.7906, 25.2537,
12.8193

■ 48.5928, 47.8966,
45.7142

■ 30.3719, 21.6254,
8.2855

■ 54.2322, 55.7777,
58.0687

■ 28.4930, 18.7243,
5.0183

■ 60.6028, 64.6143,
72.2294

■ 27.1099, 16.5001,
2.8863

■ 67.7296, 74.4371,
88.2649

■ 26.1699, 14.8951,
1.7255

■ 75.6367, 85.2754,
106.2404

■ 25.8957, 14.4168,
1.4179

■ 78.9869, 91.7192,
108.1483

Harmonies

Analogous

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



41.1511, 34.8686, 34.9452



39.3990, 34.8686, 26.1265



36.0007, 34.8686, 21.2704

Triad

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



39.3990, 34.8686, 26.1265



26.6363, 34.8686, 30.5461



34.2375, 34.8686, 63.5044

Complementary

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



39.3990, 34.8686, 26.1265



39.0097, 46.4932, 64.6758

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.



30.4379, 34.8686, 61.6874



39.3990, 34.8686, 26.1265



26.2452, 34.8686, 41.1561

Square

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



39.3990, 34.8686, 26.1265



28.6981, 34.8686, 23.4509



27.5844, 34.8686, 52.9308



38.0216, 34.8686, 57.4952

Rectangle

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



39.3990, 34.8686, 26.1265



33.3662, 34.8686, 20.2557



27.5844, 34.8686, 52.9308



32.9179, 34.8686, 63.8085

Sweetspot

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



39.3999, 34.8703, 26.1272



84.0276, 84.6621, 84.5495



42.7452, 32.9928, 53.6562



17.7165, 17.7451, 17.5087



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.



39.3999, 34.8703, 26.1272



60.0324, 50.6242, 33.5372



45.9132, 47.8968, 28.2983



11.3813, 11.5515, 11.7092



16.1732, 9.0793, 0.9001



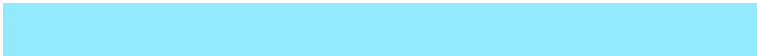
0.8871, 0.5740, 0.0640

Inverse Universe

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



39.0097, 46.4932, 64.6758



59.2827, 72.2593, 105.4306



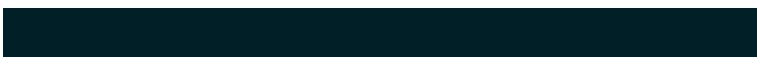
32.0071, 32.4880, 62.3416



11.3558, 12.3521, 14.3560



15.4381, 19.9002, 38.9837



0.8442, 1.1221, 2.0270

Previews

White Background



This preview shows how the XYZ color 39.3990, 34.8686, 26.1265 looks on a white background.

Color Contrast Check

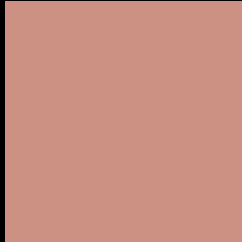
Large Text (above 18pt) WCAG AA × Fail

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 39.3990, 34.8686, 26.1265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

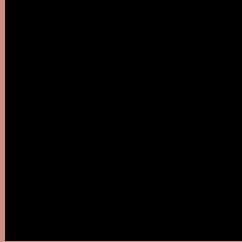
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.3990, 34.8686, 26.1265

Background



This preview shows how black text looks on a background with the XYZ color 39.3990, 34.8686, 26.1265.



This preview shows how white text looks on a background with the XYZ color 39.3990, 34.8686,

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

39.3990, 34.8686, 26.1265

Protanopia

33.1340, 34.9561, 29.0456

Deuteranopia

35.7677, 35.1353, 25.6655



Tritanopia

41.1549, 34.9113, 34.7064

Trichromacy



Original Color

39.3990, 34.8686, 26.1265

Protanomaly

34.9848, 34.6842, 27.7725

Deuteranomaly

37.0882, 35.0824, 25.9359

Tritanomaly

40.3869, 34.8111, 31.3787

Monochromacy



Original Color

39.3990, 34.8686, 26.1265

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

35.3578, 34.9918, 33.7447

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3990, 34.8686, 26.1265 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(205, 145, 131)` looks like.

```
.text, #text, p{  
    color:rgb(205, 145, 131)  
}
```

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(205, 145, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 145, 131) }
```

Border

The CSS property to change the border of an element to XYZ 39.3990, 34.8686, 26.1265 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(205, 145, 131) }
```


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

```
.border{ border-color:rgb(205, 145, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 145, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 145, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 145, 131);  
box-shadow:4px 4px 4px 4px rgb(205, 145,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3990, 34.8686, 26.1265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 145, 131) }
```

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

```
.background{ background-color: rgb(205,  
145, 131) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor