

Converting Colors

XYZ(38.9098, 35.6116, 29.9994)

Have a look what the booklet for
XYZ(38.9098, 35.6116, 29.9994)
contains.

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Color

**XYZ(39.0028, 35.7415,
30.0424)**

Conversions

Conversions Part 1

Format	Color
Hex	C6968D
RGB	198, 150, 141
RGB Percent	78%, 59%, 55%
CMY	0.2235, 0.4117, 0.4471
CMYK	0.00, 0.24, 0.29, 0.22
HSL	9°, 33%, 66%
HSV	9°, 29%, 78%
XYZ	39.0028, 35.7415, 30.0424
YIQ	163.3260, 31.4970, 7.3770

Conversions

Conversions Part 2

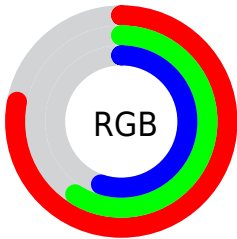
Format	Color
R_{YB}	198, 152, 141
Decimal	13014669
CIE _{Lab}	66.32, 16.72, 11.73
CIE _{LCh}	66, 20.424, 35.057
Yxy	35.7415, 0.3722, 0.3411
Android (android.graphics.Color)	4291204749 (0xFFC6968D)
YUV	163.3260, -11.0067, 30.4091
Hunter-Lab	59.7842, 11.8298, 12.0549

Details

The XYZ color **39.0028, 35.7415, 30.0424** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.3747, 46.1339, 60.2559**, and the grayscale version is **35.0076, 36.8307, 40.1086**.

A 20% lighter version of the original color is **72.6832, 68.3859, 60.9987**, and **17.6779, 15.5187, 11.9612** is the 20% darker color. If you saturate the color by 10%, you get **35.1855, 30.2575, 22.1397**, and if you desaturate by 10%, it is **43.4640, 42.0913, 39.4600**.

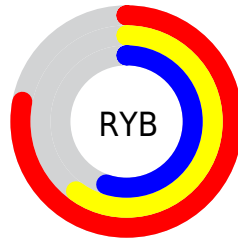
Distribution



Red (78%)

Green (59%)

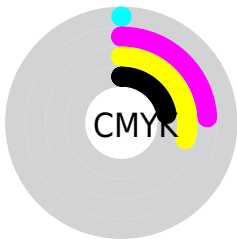
Blue (55%)



Red (78%)

Yellow (60%)

Blue (55%)

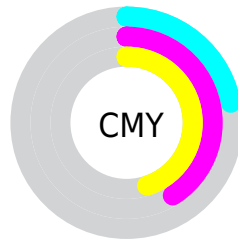


Cyan (0%)

Magenta (24%)

Yellow (29%)

Black (22%)



Cyan (22%)


Magenta (41%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.0028, 35.7415, 30.0424 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 39.0028, 35.7415, 30.0424 by changing the saturation by 10% instead.


 39.0028, 35.7415,
30.0424


 39.0028, 35.7415,
30.0424


333.1094,
327.8293, 316.3155


 26.9426, 24.2346,
19.6184


 72.9366, 68.6329,
60.7910

 17.6665, 15.5078,
11.9367


 95.5410, 90.7862,
81.9528

 10.8091, 9.1765,
6.5786


 122.3909,
117.2571, 107.5309

 6.0049, 4.8565,
3.1255

153.8515,
148.4300, 137.9439

 2.8888, 2.1633,
1.1591

190.2883,
184.6892, 173.6103

 1.0952, 0.6999,
0.0000

232.0667,

 0.0211, 0.0000,

226.4193, 214.9487

0.0000

279.5519,
274.0045, 262.3776

■ 0.0000, 0.0000,
0.0000

■ 39.0028, 35.7415,
30.0424

■ 39.0028, 35.7415,
30.0424

■ 35.1855, 30.2575,
22.1397

■ 43.4640, 42.0913,
39.4600

■ 31.9792, 25.5968,
15.6704

■ 48.5942, 49.3371,
50.4636

■ 29.3527, 21.7209,
10.5488

■ 54.4205, 57.5135,
63.1227

■ 27.2703, 18.5863,
6.6790

■ 60.9680, 66.6522,
77.5018

■ 25.6928, 16.1450,
3.9527

■ 68.2601, 76.7830,
93.6620

■ 24.5749, 14.3432,
2.2425

■ 75.5367, 87.6215,
107.5392

■ 23.8542, 13.1154,
1.3432

■ 77.0988, 90.7458,
108.0599

■ 23.7861, 13.0003,
1.2556

Harmonies

Analogous

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



40.1558, 35.7415, 37.4543



39.0028, 35.7415, 30.0424



36.5055, 35.7415, 25.5847

Triad

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



39.0028, 35.7415, 30.0424



28.9251, 35.7415, 32.2529



34.4909, 35.7415, 58.1640

Complementary

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



39.0028, 35.7415, 30.0424



39.3747, 46.1339, 60.2559

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.



31.5570, 35.7415, 56.2231



39.0028, 35.7415, 30.0424



28.4567, 35.7415, 40.4161

Square

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



39.0028, 35.7415, 30.0424



30.7120, 35.7415, 26.7207



29.3921, 35.7415, 49.3856



37.4532, 35.7415, 54.3518

Rectangle

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



39.0028, 35.7415, 30.0424



34.4792, 35.7415, 24.4640



29.3921, 35.7415, 49.3856



33.4683, 35.7415, 58.1678

Sweetspot

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



39.0038, 35.7432, 30.0431



85.7146, 86.8931, 88.6356



42.0482, 34.7496, 52.8921



18.0443, 18.1730, 18.3201



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.



39.0038, 35.7432, 30.0431



64.3906, 56.5852, 43.4845



44.0271, 45.7899, 31.7176



10.7669, 10.9030, 11.0998



15.5098, 8.5367, 0.8303



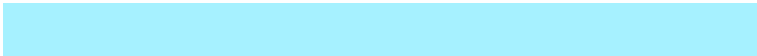
0.7783, 0.4921, 0.0540

Inverse Universe

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



39.3747, 46.1339, 60.2559



65.1498, 78.1526, 106.2589



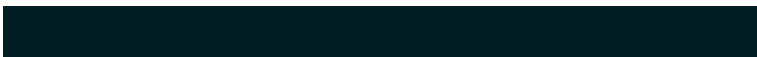
33.9141, 35.2126, 58.4357



10.7985, 11.7712, 13.6204



15.6344, 20.6627, 37.9086



0.7797, 1.0572, 1.8081

Previews

White Background



This preview shows how the XYZ color 39.0028, 35.7415, 30.0424 looks on a white background.

Color Contrast Check

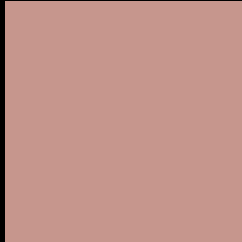
Large Text (above 18pt) WCAG AA × Fail

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 39.0028, 35.7415, 30.0424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

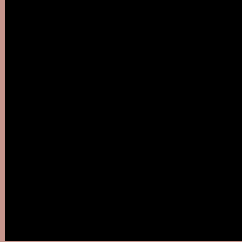
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.0028, 35.7415, 30.0424

Background



This preview shows how black text looks on a background with the XYZ color 39.0028, 35.7415, 30.0424.



This preview shows how white text looks on a background with the XYZ color 39.0028, 35.7415,

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

39.0028, 35.7415, 30.0424

Protanopia

34.1598, 35.9212, 32.7368

Deuteranopia

36.6297, 35.9847, 29.8261



Tritanopia

40.5111, 35.6500, 37.5469

Trichromacy



Original Color

39.0028, 35.7415, 30.0424

Protanomaly

35.7582, 35.7420, 31.8023

Deuteranomaly

37.5244, 35.9518, 29.7726

Tritanomaly

39.8106, 35.5889, 34.4769

Monochromacy



Original Color

39.0028, 35.7415, 30.0424

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

36.0478, 36.0504, 36.0688

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0028, 35.7415, 30.0424 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(198, 150, 141)` looks like.

```
.text, #text, p{  
    color:rgb(198, 150, 141)  
}
```

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(198, 150, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 150, 141) }
```

Border

The CSS property to change the border of an element to XYZ 39.0028, 35.7415, 30.0424 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(198, 150, 141) }
```


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

```
.border{ border-color:rgb(198, 150, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 150, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 150, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 150, 141);  
box-shadow:4px 4px 4px 4px rgb(198, 150,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0028, 35.7415, 30.0424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 150, 141) }
```

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

```
.background{ background-color: rgb(198,  
150, 141) }
```

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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