

Converting Colors

XYZ(35.7928, 31.1648, 34.6027)

Have a look what the booklet for
XYZ(35.7928, 31.1648, 34.6027)
contains.

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Color

**XYZ(35.9075, 31.3289,
34.7264)**

Conversions

Conversions Part 1

Format	Color
Hex	BD8A9A
RGB	189, 138, 154
RGB Percent	74%, 54%, 60%
CMY	0.2588, 0.4588, 0.3961
CMYK	0.00, 0.27, 0.19, 0.26
HSL	341°, 28%, 64%
HSV	341°, 27%, 74%
XYZ	35.9075, 31.3289, 34.7264
YIQ	155.0730, 25.2600, 15.7880

Conversions

Conversions Part 2

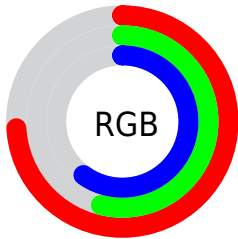
Format	Color
R _Y B	189, 138, 154
Decimal	12421786
CIE Lab	62.78, 21.87, -0.81
CIE LCh	63, 21.881, 357.876
Yxy	31.3289, 0.3522, 0.3073
Android (android.graphics.Color)	4290611866 (0xFFBD8A9A)
YUV	155.0730, -0.5290, 29.7540
Hunter-Lab	55.9722, 16.5606, 2.3957

Details

The XYZ color **35.9075, 31.3289, 34.7264** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.2230, 44.8164, 46.2787**, and the grayscale version is **31.1832, 32.8072, 35.7270**.

A 20% lighter version of the original color is **68.2408, 61.8462, 68.0153**, and **15.9296, 13.1096, 14.5228** is the 20% darker color. If you saturate the color by 10%, you get **32.4056, 25.9614, 28.5139**, and if you desaturate by 10%, it is **39.9998, 37.6896, 41.7125**.

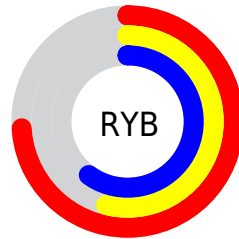
Distribution



Red (74%)

Green (54%)

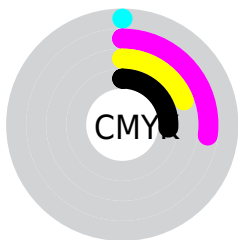
Blue (60%)



Red (74%)

Yellow (54%)

Blue (60%)

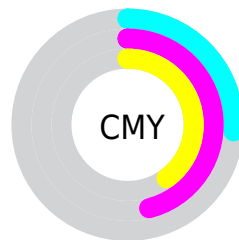


Cyan (0%)

Magenta (27%)

Yellow (19%)

Black (26%)



Cyan (26%)


Magenta (46%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.9075, 31.3289, 34.7264 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 35.9075, 31.3289, 34.7264 by changing the saturation by 10% instead.


 35.9075, 31.3289,
34.7264


 35.9075, 31.3289,
34.7264


319.9944,
308.0507, 338.2265


 24.5325, 20.8494,
23.1703


 68.2141, 61.7575,
68.2085

 15.8560, 13.0140,
14.5128


 89.8764, 82.4755,
90.9715

 9.5125, 7.4382,
8.3354


 115.6986,
107.3750, 118.3073

 5.1367, 3.7376,
4.2195

146.0459,
136.8406, 150.6344

 2.3633, 1.5279,
1.7465

181.2838,
171.2565, 188.3714

 0.8268, 0.3082,
0.3923

221.7776,

 0.0000, 0.0000,

211.0073, 231.9367

0.0000

267.8927,
256.4772, 281.7489

■ 35.9075, 31.3289,
34.7264

■ 35.9075, 31.3289,
34.7264

■ 32.4056, 25.9614,
28.5139

■ 39.9998, 37.6896,
41.7125

■ 29.4633, 21.5326,
23.0454

■ 44.7060, 45.0861,
49.4964

■ 27.0510, 17.9889,
18.2922

■ 50.0517, 53.5635,
58.1035

■ 25.1351, 15.2699,
14.2228

■ 56.0600, 63.1631,
67.5577

■ 23.6779, 13.3072,
10.8033

■ 62.7530, 73.9239,
77.8817

■ 22.6361, 12.0216,
7.9961

■ 70.1517, 85.8832,
89.0973

■ 21.9511, 11.3038,
5.7569

■ 73.1976, 88.9194,
99.5329

■ 21.7832, 11.1376,
5.1782

■ 74.7964, 89.5589,
107.9521

Harmonies

Analogous

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



34.9228, 31.3289, 43.6498



35.9075, 31.3289, 34.7264



35.1605, 31.3289, 26.9702

Triad

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



35.9075, 31.3289, 34.7264



27.1662, 31.3289, 21.5165



26.8201, 31.3289, 50.0639

Complementary

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



35.9075, 31.3289, 34.7264



36.2230, 44.8164, 46.2787

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.



24.9734, 31.3289, 42.4145



35.9075, 31.3289, 34.7264



25.1636, 31.3289, 26.0755

Square

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



35.9075, 31.3289, 34.7264



29.9910, 31.3289, 20.1480



24.3876, 31.3289, 33.5046



29.5644, 31.3289, 53.3792

Rectangle

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



35.9075, 31.3289, 34.7264



33.8072, 31.3289, 23.2878



24.3876, 31.3289, 33.5046



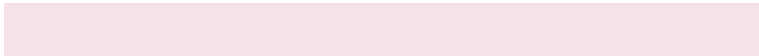
26.0809, 31.3289, 47.8574

Sweetspot

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



35.9084, 31.3303, 34.7270



79.0447, 79.1336, 86.9757



35.4754, 30.7198, 52.2042



16.7132, 16.5681, 18.2365



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.9084, 31.3303, 34.7270



60.7151, 50.5811, 55.8742



36.0631, 33.6317, 28.6374



9.6501, 9.5844, 10.5466



14.6872, 7.5060, 3.6464



0.6057, 0.3062, 0.3028

Inverse Universe

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



35.9084, 31.3303, 34.7270



60.7151, 50.5811, 55.8742



35.9183, 41.5797, 54.2770



9.6501, 9.5844, 10.5466



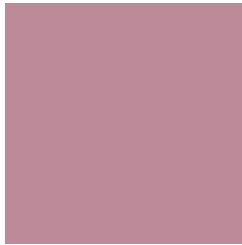
14.6872, 7.5060, 3.6464



0.6057, 0.3062, 0.3028

Previews

White Background



This preview shows how the XYZ color 35.9075, 31.3289, 34.7264 looks on a white background.

Color Contrast Check

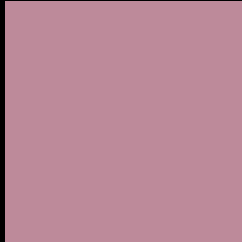
Large Text (above 18pt) WCAG AA × Fail

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 35.9075, 31.3289, 34.7264 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 35.9075, 31.3289, 34.7264

Background



This preview shows how black text looks on a background with the XYZ color 35.9075, 31.3289, 34.7264.



This preview shows how white text looks on a background with the XYZ color 35.9075, 31.3289,

34.7264.

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

35.9075, 31.3289, 34.7264

Protanopia

30.5371, 31.4173, 38.6371

Deuteranopia

32.0376, 31.3499, 34.0683



Tritanopia

35.3965, 31.3265, 32.6148

Trichromacy



Original Color

35.9075, 31.3289, 34.7264

Protanomaly

32.0539, 31.0603, 37.1067

Deuteranomaly

33.4022, 31.3604, 34.4297

Tritanomaly

35.5576, 31.3910, 33.4631

Monochromacy



Original Color

35.9075, 31.3289, 34.7264

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

32.6002, 32.0769, 35.4836

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9075, 31.3289, 34.7264 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(189, 138, 154)` looks like.

```
.text, #text, p{  
    color:rgb(189, 138, 154)  
}
```

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(189, 138, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 138, 154) }
```

Border

The CSS property to change the border of an element to XYZ 35.9075, 31.3289, 34.7264 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(189, 138, 154) }
```


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

```
.border{ border-color:rgb(189, 138, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 138, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 138, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 138, 154);  
box-shadow:4px 4px 4px 4px rgb(189, 138,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9075, 31.3289, 34.7264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 138, 154) }
```

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

```
.background{ background-color: rgb(189,  
138, 154) }
```

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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