

Converting Colors

XYZ(35.3829, 29.9682, 31.1742)

Have a look what the booklet for
XYZ(35.3829, 29.9682, 31.1742)
contains.

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Color

**XYZ(35.4319, 29.9153,
31.1009)**

Conversions

Conversions Part 1

Format	Color
Hex	C18492
RGB	193, 132, 146
RGB Percent	76%, 52%, 57%
CMY	0.2431, 0.4823, 0.4274
CMYK	0.00, 0.32, 0.24, 0.24
HSL	346°, 33%, 64%
HSV	346°, 32%, 76%
XYZ	35.4319, 29.9153, 31.1009
YIQ	151.8350, 31.8620, 17.2860

Conversions

Conversions Part 2

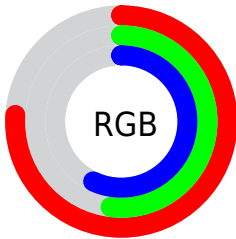
Format	Color
RYB	193, 132, 146
Decimal	12682386
CIELab	61.58, 25.45, 2.05
CIELCh	62, 25.531, 4.596
Yxy	29.9153, 0.3674, 0.3102
Android (android.graphics.Color)	4290872466 (0xFFC18492)
YUV	151.8350, -2.8767, 36.1017
Hunter-Lab	54.6949, 19.9181, 4.5726

Details

The XYZ color **35.4319, 29.9153, 31.1009** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.7237, 46.3009, 49.6515**, and the grayscale version is **29.7770, 31.3277, 34.1159**.

A 20% lighter version of the original color is **67.4086, 59.6119, 62.5970**, and **15.6098, 12.2824, 12.6143** is the 20% darker color. If you saturate the color by 10%, you get **31.9702, 24.7242, 24.6060**, and if you desaturate by 10%, it is **39.5299, 36.1377, 38.5511**.

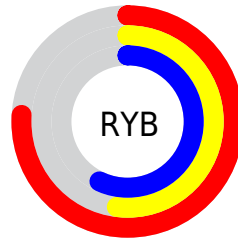
Distribution



Red (76%)

Green (52%)

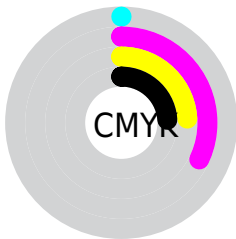
Blue (57%)



Red (76%)

Yellow (52%)

Blue (57%)

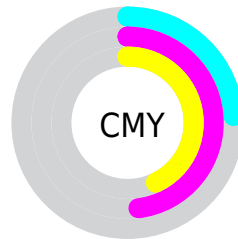


Cyan (0%)

Magenta (32%)

Yellow (24%)

Black (24%)



Cyan (24%)


Magenta (48%)


Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.4319, 29.9153, 31.1009 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 35.4319, 29.9153, 31.1009 by changing the saturation by 10% instead.


 35.4319, 29.9153,
31.1009


 35.4319, 29.9153,
31.1009


317.9453,
301.5094, 321.3685


 24.1638, 19.7743,
20.4166

 67.4839, 59.5282,
62.4803

 15.5806, 12.2311,
12.5111

 88.9986, 79.7689,
84.0125

 9.3168, 6.9013,
6.9660

 114.6595,
104.1450, 109.9978

 5.0072, 3.4004,
3.3627

144.8321,
133.0408, 140.8546

 2.2863, 1.3442,
1.2827

179.8816,
166.8407, 177.0015

 0.7876, 0.1750,
0.0476

220.1734,

 0.0000, 0.0000,

205.9292, 218.8571

0.0000

266.0728,
250.6907, 266.8399

■ 35.4319, 29.9153,
31.1009

■ 35.4319, 29.9153,
31.1009

■ 31.9702, 24.7242,
24.6060

■ 39.5299, 36.1377,
38.5511

■ 29.1098, 20.5044,
19.0253

■ 44.2920, 43.4388,
46.9916

■ 26.8162, 17.1962,
14.3173


■ 49.7470, 51.8679,
56.4581


■ 25.0499, 14.7316,
10.4365


■ 55.9215, 61.4704,
66.9837


■ 23.7665, 13.0327,
7.3331


■ 62.8407, 72.2889,
78.6002

 22.9136, 12.0073,
4.9511

 70.5285, 84.3640,
91.3379

 22.4524, 11.5215,
3.4517

 75.0236, 89.7660,
103.8980

 75.8024, 90.0775,
107.9992

Harmonies

Analogous

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



34.7316, 29.9153, 41.2474



35.4319, 29.9153, 31.1009



34.1387, 29.9153, 23.0887

Triad

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



35.4319, 29.9153, 31.1009



24.8938, 29.9153, 19.5050



25.7302, 29.9153, 52.4928

Complementary

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



35.4319, 29.9153, 31.1009



36.7237, 46.3009, 49.6515

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.



23.4024, 29.9153, 44.3520



35.4319, 29.9153, 31.1009



22.9471, 29.9153, 25.2084

Square

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



35.4319, 29.9153, 31.1009



27.9149, 29.9153, 17.2938



22.4234, 29.9153, 34.0902



28.9586, 29.9153, 54.9261

Rectangle

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



35.4319, 29.9153, 31.1009



32.3760, 29.9153, 19.6124



22.4234, 29.9153, 34.0902



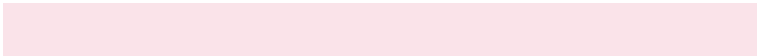
24.8250, 29.9153, 50.2634

Sweetspot

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



35.4327, 29.9167, 31.1015



81.6162, 81.3263, 88.1649



36.4145, 29.9102, 54.3063



17.2148, 16.9931, 18.3997



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



35.4327, 29.9167, 31.1015



59.0083, 46.8911, 47.3938



36.7900, 34.2683, 26.5069



10.1658, 10.1149, 10.9635



14.9593, 7.6735, 2.4317



0.6737, 0.3425, 0.2490

Inverse Universe

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



35.4327, 29.9167, 31.1015



59.0083, 46.8911, 47.3938



34.8120, 40.0959, 56.3568



10.1658, 10.1149, 10.9635



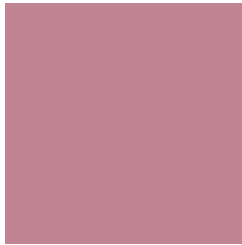
14.9593, 7.6735, 2.4317



0.6737, 0.3425, 0.2490

Previews

White Background



This preview shows how the XYZ color 35.4319, 29.9153, 31.1009 looks on a white background.

Color Contrast Check

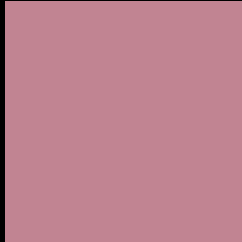
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.4319, 29.9153, 31.1009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

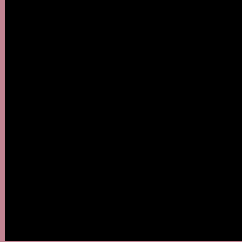
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.4319, 29.9153, 31.1009

Background



This preview shows how black text looks on a background with the XYZ color 35.4319, 29.9153, 31.1009.



This preview shows how white text looks on a background with the XYZ color 35.4319, 29.9153,

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

35.4319, 29.9153, 31.1009

Protanopia

29.0840, 30.0304, 35.2739

Deuteranopia

30.5244, 29.9595, 30.5595



Tritanopia

35.3378, 30.0957, 29.9331

Trichromacy



Original Color

35.4319, 29.9153, 31.1009

Protanomaly

31.0664, 29.7200, 33.8049

Deuteranomaly

32.1681, 29.9145, 30.8667

Tritanomaly

35.4139, 30.1261, 30.3340

Monochromacy



Original Color

35.4319, 29.9153, 31.1009

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

31.5668, 30.6683, 33.1100

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4319, 29.9153, 31.1009 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(193, 132, 146)` looks like.

```
.text, #text, p{  
    color:rgb(193, 132, 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(193, 132, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 132, 146) }
```

Border

The CSS property to change the border of an element to XYZ 35.4319, 29.9153, 31.1009 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(193, 132, 146) }
```


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

```
.border{ border-color:rgb(193, 132, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 132, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 132, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 132, 146);  
box-shadow:4px 4px 4px 4px rgb(193, 132,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4319, 29.9153, 31.1009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 132, 146) }
```

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

```
.background{ background-color: rgb(193,  
132, 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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