

Converting Colors

XYZ(35.3803, 29.1972, 32.4296)

Have a look what the booklet for
XYZ(35.3803, 29.1972, 32.4296)
contains.

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Color

**XYZ(35.3476, 29.2400,
32.6350)**

Conversions

Conversions Part 1

Format	Color
Hex	C18196
RGB	193, 129, 150
RGB Percent	76%, 51%, 59%
CMY	0.2431, 0.4941, 0.4118
CMYK	0.00, 0.33, 0.22, 0.24
HSL	340°, 34%, 63%
HSV	340°, 33%, 76%
XYZ	35.3476, 29.2400, 32.6350
YIQ	150.5300, 31.4030, 20.0990

Conversions

Conversions Part 2

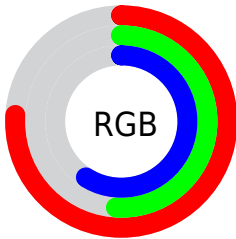
Format	Color
RYB	193, 129, 150
Decimal	12681622
CIELab	60.99, 27.70, -1.10
CIELCh	61, 27.721, 357.727
Yxy	29.2400, 0.3636, 0.3008
Android (android.graphics.Color)	4290871702 (0xFFC18196)
YUV	150.5300, -0.2613, 37.2462
Hunter-Lab	54.0740, 22.0540, 2.0688

Details

The XYZ color **35.3476, 29.2400, 32.6350** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.5709, 45.7864, 45.9949**, and the grayscale version is **29.2072, 30.7282, 33.4630**.

A 20% lighter version of the original color is **67.6162, 58.7358, 64.9001**, and **15.5293, 11.8961, 13.2821** is the 20% darker color. If you saturate the color by 10%, you get **32.0543, 24.2329, 26.6672**, and if you desaturate by 10%, it is **39.2383, 35.2564, 39.3728**.

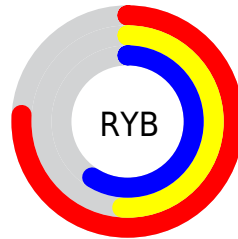
Distribution



Red (76%)

Green (51%)

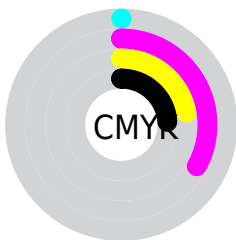
Blue (59%)



Red (76%)

Yellow (51%)

Blue (59%)

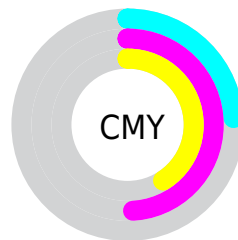


Cyan (0%)

Magenta (33%)

Yellow (22%)

Black (24%)



Cyan (24%)


Magenta (49%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.3476, 29.2400, 32.6350 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 35.3476, 29.2400, 32.6350 by changing the saturation by 10% instead.


 35.3476, 29.2400,
32.6350


 35.3476, 29.2400,
32.6350


317.5812,
298.3457, 328.5832


 24.0985, 19.2625,
21.5782


 67.3544, 58.4582,
64.9147

 15.5319, 11.8601,
13.3519

 88.8428, 78.4676,
86.9746

 9.2822, 6.6485,
7.5378


 114.4751,
102.5898, 113.5393

 4.9843, 3.2432,
3.7171

144.6165,
131.2091, 145.0273

 2.2727, 1.2600,
1.4715

179.6325,
164.7099, 181.8571

 0.7807, 0.1099,
0.1965

219.8883,

 0.0000, 0.0000,

203.4767, 224.4474

0.0000

265.7494,
247.8938, 273.2166

■ 35.3476, 29.2400,
32.6350

■ 35.3476, 29.2400,
32.6350

■ 32.0543, 24.2329,
26.6672

■ 39.2383, 35.2564,
39.3728

■ 29.3250, 20.1752,
21.4389

■ 43.7525, 42.3293,
46.9059

■ 27.1269, 17.0072,
16.9198


■ 48.9176, 50.5079,
55.2608


■ 25.4224, 14.6604,
13.0770


■ 54.7588, 59.8372,
64.4619


■ 24.1687, 13.0564,
9.8741


■ 61.2997, 70.3596,
74.5328


 23.3150, 12.1010,
7.2708

 68.5630, 82.1154,
85.4960

 22.8986, 11.7000,
5.8011

 73.5963, 89.1951,
96.3819

 75.6010, 89.9969,
106.9385

 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.



34.1059, 29.2400, 43.7189



35.3476, 29.2400, 32.6350



34.4235, 29.2400, 23.4300

Triad

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



35.3476, 29.2400, 32.6350



24.6758, 29.2400, 17.2447



24.2365, 29.2400, 51.8544

Complementary

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



35.3476, 29.2400, 32.6350



35.5709, 45.7864, 45.9949

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.



22.0716, 29.2400, 42.0480



35.3476, 29.2400, 32.6350



22.3094, 29.2400, 22.3308

Square

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



35.3476, 29.2400, 32.6350



28.0689, 29.2400, 15.7770



21.3975, 29.2400, 31.0529



27.5164, 29.2400, 56.2149

Rectangle

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



35.3476, 29.2400, 32.6350



32.7446, 29.2400, 19.2419



21.3975, 29.2400, 31.0529



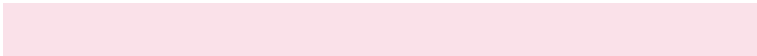
23.3654, 29.2400, 48.9939

Sweetspot

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



35.3484, 29.2414, 32.6356



81.0129, 79.9967, 88.3434



34.4172, 28.2853, 54.0979



17.1087, 16.7335, 18.5102



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.



35.3484, 29.2414, 32.6356



58.8050, 45.5070, 50.3397



35.2853, 31.5827, 25.0070



10.2064, 10.1312, 11.1775



15.2634, 7.7951, 4.0330



0.6917, 0.3497, 0.3439

Inverse Universe

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



35.3484, 29.2414, 32.6356



58.8050, 45.5070, 50.3397



35.4762, 42.1109, 56.7107



10.2064, 10.1312, 11.1775



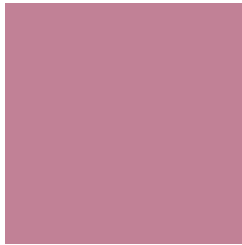
15.2634, 7.7951, 4.0330



0.6917, 0.3497, 0.3439

Previews

White Background



This preview shows how the XYZ color 35.3476, 29.2400, 32.6350 looks on a white background.

Color Contrast Check

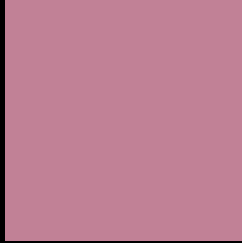
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.3476, 29.2400, 32.6350 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 35.3476, 29.2400, 32.6350

Background



This preview shows how black text looks on a background with the XYZ color 35.3476, 29.2400, 32.6350.



This preview shows how white text looks on a background with the XYZ color 35.3476, 29.2400,

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

35.3476, 29.2400, 32.6350

Protanopia

28.7208, 29.5516, 37.9085

Deuteranopia

29.9892, 29.4329, 31.7043



Tritanopia

34.6622, 29.3622, 29.0399

Trichromacy



Original Color

35.3476, 29.2400, 32.6350

Protanomaly

30.5681, 28.9770, 35.8803

Deuteranomaly

31.6674, 29.1993, 31.9840

Tritanomaly

34.7549, 29.1853, 30.1871

Monochromacy



Original Color

35.3476, 29.2400, 32.6350

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

31.1343, 29.9863, 33.4251

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3476, 29.2400, 32.6350 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, 129, 150)` looks like.

```
.text, #text, p{  
    color:rgb(193, 129, 150)  
}
```

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, 129, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 129, 150) }
```

Border

The CSS property to change the border of an element to XYZ 35.3476, 29.2400, 32.6350 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, 129, 150) }
```


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

```
.border{ border-color:rgb(193, 129, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 129, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 129, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 129, 150);  
box-shadow:4px 4px 4px 4px rgb(193, 129,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3476, 29.2400, 32.6350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 129, 150) }
```

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

```
.background{ background-color: rgb(193,  
129, 150) }
```

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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