

Converting Colors

XYZ(36.3890, 29.3108, 36.2769)

Have a look what the booklet for
XYZ(36.3890, 29.3108, 36.2769)
contains.

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Color

**XYZ(36.2666, 29.2495,
36.0820)**

Conversions

Conversions Part 1

Format	Color
Hex	C37F9E
RGB	195, 127, 158
RGB Percent	76%, 50%, 62%
CMY	0.2353, 0.5019, 0.3804
CMYK	0.00, 0.35, 0.19, 0.24
HSL	333°, 36%, 63%
HSV	333°, 35%, 76%
XYZ	36.2666, 29.2495, 36.0820
YIQ	150.8660, 30.5770, 24.0570

Conversions

Conversions Part 2

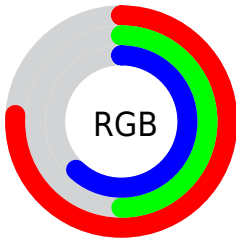
Format	Color
R_{YB}	195, 127, 158
Decimal	12812190
CIE _{Lab}	61.00, 30.75, -5.64
CIE _{LCh}	61, 31.266, 349.606
Yxy	29.2495, 0.3570, 0.2879
Android (android.graphics.Color)	4291002270 (0xFFC37F9E)
YUV	150.8660, 3.5171, 38.7055
Hunter-Lab	54.0828, 25.0528, -1.6981

Details

The XYZ color **36.2666, 29.2495, 36.0820** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **34.9696, 46.2233, 42.2031**, and the grayscale version is **29.3352, 30.8629, 33.6097**.

A 20% lighter version of the original color is **69.0421, 58.7345, 70.6488**, and **16.1229, 11.9447, 15.3657** is the 20% darker color. If you saturate the color by 10%, you get **33.1134, 24.3420, 30.7176**, and if you desaturate by 10%, it is **39.9877, 35.1660, 42.0254**.

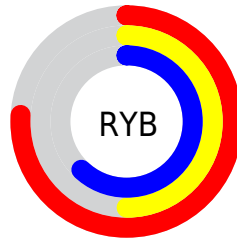
Distribution



Red (76%)

Green (50%)

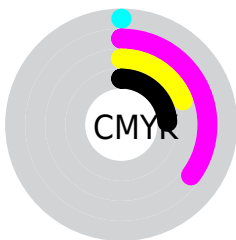
Blue (62%)



Red (76%)

Yellow (50%)

Blue (62%)

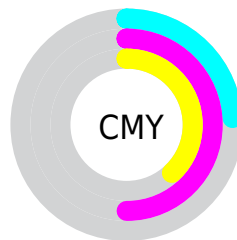


Cyan (0%)

Magenta (35%)

Yellow (19%)

Black (24%)



Cyan (24%)

Magenta (50%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.2666, 29.2495, 36.0820 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 36.2666, 29.2495, 36.0820 by changing the saturation by 10% instead.


 36.2666, 29.2495,
36.0820

 36.2666, 29.2495,
36.0820


321.5353,
298.3904, 344.3671


 24.8112, 19.2696,
24.2073


 68.7645, 58.4733,
70.3291

 16.0645, 11.8653,
15.2739

 90.5378, 78.4860,
93.5386

 9.6609, 6.6520,
8.8631


 116.4811,
102.6117, 121.3634

 5.2352, 3.2454,
4.5564

146.9598,
131.2349, 154.2222

 2.4221, 1.2612,
1.9353

182.3392,
164.7400, 192.5334

 0.8561, 0.1108,
0.5150

222.9846,

 0.0000, 0.0000,

203.5114, 236.7156

0.0000

269.2616,
247.9333, 287.1873

■ 36.2666, 29.2495,
36.0820

■ 36.2666, 29.2495,
36.0820

■ 33.1134, 24.3420,
30.7176

■ 39.9877, 35.1660,
42.0254

■ 30.4954, 20.3822,
25.9107

■ 44.3022, 42.1402,
48.5649

■ 28.3803, 17.3084,
21.6406


■ 49.2367, 50.2223,
55.7187


■ 26.7310, 15.0499,
17.8843


■ 54.8157, 59.4583,
63.5039


■ 25.5047, 13.5247,
14.6164


■ 61.0623, 69.8914,
71.9366


 24.6498, 12.6335,
11.8080

 67.9982, 81.5628,
81.0324

 24.3044, 12.3216,
10.5246

 72.8707, 88.9641,
89.8818

 74.4266, 89.5865,
98.0748

 76.0751, 90.2459,
106.7557

Harmonies

Analogous

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



34.2240, 29.2495, 48.7675



36.2666, 29.2495, 36.0820



35.8781, 29.2495, 24.8784

Triad

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



36.2666, 29.2495, 36.0820



25.2469, 29.2495, 15.0062



23.0139, 29.2495, 52.2420

Complementary

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



36.2666, 29.2495, 36.0820



34.9696, 46.2233, 42.2031

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.



21.0370, 29.2495, 40.0104



36.2666, 29.2495, 36.0820



22.2361, 29.2495, 19.3786

Square

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



36.2666, 29.2495, 36.0820



29.2424, 29.2495, 14.4469



20.7670, 29.2495, 27.9584



26.4073, 29.2495, 59.5017

Rectangle

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



36.2666, 29.2495, 36.0820



34.3038, 29.2495, 19.5491



20.7670, 29.2495, 27.9584



22.1764, 29.2495, 48.4536

Sweetspot

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



36.2674, 29.2509, 36.0826



83.3708, 82.0450, 92.8813



32.5999, 26.9352, 55.1108



17.9836, 17.5191, 19.9415



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.



36.2674, 29.2509, 36.0826



60.4745, 45.3964, 57.0593



34.2230, 28.9068, 23.8562



10.2598, 10.1525, 11.4589



15.8378, 8.0249, 7.0580



0.7190, 0.3606, 0.4878

Inverse Universe

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



36.2674, 29.2509, 36.0826



60.4745, 45.3964, 57.0593



37.6147, 46.4750, 58.6181



10.2598, 10.1525, 11.4589



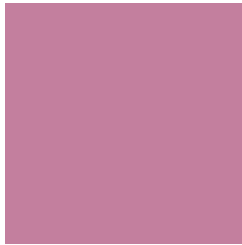
15.8378, 8.0249, 7.0580



0.7190, 0.3606, 0.4878

Previews

White Background



This preview shows how the XYZ color 36.2666, 29.2495, 36.0820 looks on a white background.

Color Contrast Check

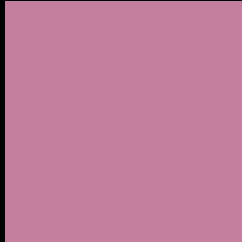
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.2666, 29.2495, 36.0820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

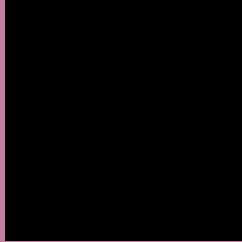
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.2666, 29.2495, 36.0820

Background



This preview shows how black text looks on a background with the XYZ color 36.2666, 29.2495, 36.0820.



This preview shows how white text looks on a background with the XYZ color 36.2666, 29.2495,

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

36.2666, 29.2495, 36.0820

Protanopia

28.8623, 29.2997, 42.1644

Deuteranopia

29.8394, 29.2806, 35.0894



Tritanopia

34.7086, 29.1962, 28.6170

Trichromacy



Original Color

36.2666, 29.2495, 36.0820

Protanomaly

31.0158, 28.8998, 40.0199

Deuteranomaly

31.7410, 28.9495, 35.3674

Tritanomaly

35.3649, 29.2764, 31.3907

Monochromacy



Original Color

36.2666, 29.2495, 36.0820

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

31.4421, 29.8946, 34.6849

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.2666, 29.2495, 36.0820 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(195, 127, 158)` looks like.

```
.text, #text, p{  
    color:rgb(195, 127, 158)  
}
```

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(195, 127, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 127, 158) }
```

Border

The CSS property to change the border of an element to XYZ 36.2666, 29.2495, 36.0820 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(195, 127, 158) }
```


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

```
.border{ border-color:rgb(195, 127, 158) }
```

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

Here you see how a box with a 4 pixel rgb(195, 127, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 127, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 127, 158);  
box-shadow:4px 4px 4px 4px rgb(195, 127,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 36.2666, 29.2495, 36.0820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 127, 158) }
```

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

```
.background{ background-color: rgb(195,  
127, 158) }
```

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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