

Converting Colors

XYZ(36.3545, 29.6469, 41.8015)

Have a look what the booklet for
XYZ(36.3545, 29.6469, 41.8015)
contains.

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Color

**XYZ(36.3412, 29.5499,
41.8185)**

Conversions

Conversions Part 1

Format	Color
Hex	BE81AA
RGB	190, 129, 170
RGB Percent	75%, 51%, 67%
CMY	0.2549, 0.4941, 0.3333
CMYK	0.00, 0.32, 0.11, 0.25
HSL	320°, 32%, 63%
HSV	320°, 32%, 75%
XYZ	36.3412, 29.5499, 41.8185
YIQ	151.9130, 23.1950, 25.6830

Conversions

Conversions Part 2

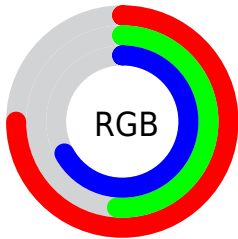
Format	Color
R _Y B	190, 129, 170
Decimal	12485034
CIE Lab	61.26, 29.87, -12.16
CIE LCh	61, 32.251, 337.840
Yxy	29.5499, 0.3374, 0.2743
Android (android.graphics.Color)	4290675114 (0xFFBE81AA)
YUV	151.9130, 8.9169, 33.4023
Hunter-Lab	54.3598, 24.2030, -7.5594

Details

The XYZ color **36.3412, 29.5499, 41.8185** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **32.8928, 43.6650, 35.1303**, and the grayscale version is **29.7640, 31.3140, 34.1010**.

A 20% lighter version of the original color is **68.8819, 59.0774, 79.0068**, and **16.2193, 12.1342, 18.6268** is the 20% darker color. If you saturate the color by 10%, you get **33.4920, 24.7721, 38.0298**, and if you desaturate by 10%, it is **39.6854, 35.2722, 45.9107**.

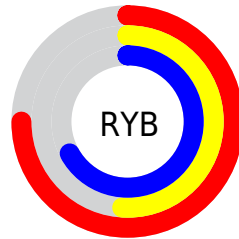
Distribution



Red (75%)

Green (51%)

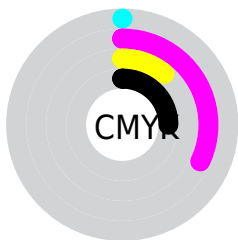
Blue (67%)



Red (75%)

Yellow (51%)

Blue (67%)

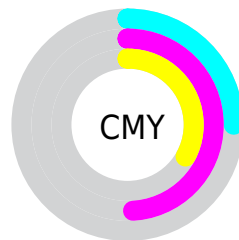


Cyan (0%)

Magenta (32%)

Yellow (11%)

Black (25%)



Cyan (25%)


Magenta (49%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.3412, 29.5499, 41.8185 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 36.3412, 29.5499, 41.8185 by changing the saturation by 10% instead.


 36.3412, 29.5499,
41.8185


 36.3412, 29.5499,
41.8185


321.8547,
299.8008, 369.5074


 24.8692, 19.4972,
28.6347

 68.8788, 58.9496,
79.1920

 16.1078, 12.0301,
18.5614


 90.6751, 79.0655,
104.2187

 9.6918, 6.7642,
11.1802


 116.6435,
103.3045, 134.0302

 5.2558, 3.3151,
6.0725

147.1493,
132.0510, 169.0450

 2.4344, 1.2983,
2.8197

182.5580,
165.6895, 209.6815

 0.8623, 0.1399,
1.0033

223.2349,

 0.0000, 0.0000,

204.6044, 256.3584

0.0000

269.5454,
249.1800, 309.4942

■ 36.3412, 29.5499,
41.8185

■ 36.3412, 29.5499,
41.8185

■ 33.4920, 24.7721,
38.0298

■ 39.6854, 35.2722,
45.9107

■ 31.1090, 20.8830,
34.5321

■ 43.5462, 41.9829,
50.3144

■ 29.1643, 17.8270,
31.3145


■ 47.9471, 49.7278,
55.0396


■ 27.6258, 15.5407,
28.3644


■ 52.9093, 58.5487,
60.0952


■ 26.4569, 13.9513,
25.6674


■ 58.4528, 68.4854,
65.4895


 25.6139, 12.9720,
23.2071

 64.5967, 79.5751,
71.2307

 25.1121, 12.4980,
21.4079

 69.0834, 87.3025,
76.5679

 69.8927, 87.6262,
80.8294

 70.7327, 87.9622,
85.2527

Harmonies

Analogous

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



33.3952, 29.5499, 54.3826



36.3412, 29.5499, 41.8185



36.9699, 29.5499, 29.0911

Triad

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



36.3412, 29.5499, 41.8185



26.9878, 29.5499, 14.1331



22.1227, 29.5499, 48.7450

Complementary

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



36.3412, 29.5499, 41.8185



32.8928, 43.6650, 35.1303

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.



20.7537, 29.5499, 35.4690



36.3412, 29.5499, 41.8185



23.3722, 29.5499, 17.0237

Square

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



36.3412, 29.5499, 41.8185



31.2778, 29.5499, 15.0223



21.1869, 29.5499, 24.1409



25.1196, 29.5499, 59.0324

Rectangle

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



36.3412, 29.5499, 41.8185



35.9369, 29.5499, 22.4489



21.1869, 29.5499, 24.1409



21.4714, 29.5499, 44.3685

Sweetspot

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



36.3421, 29.5512, 41.8191



80.3817, 78.6539, 92.7922



29.4159, 25.7452, 52.1348



17.4135, 16.8555, 20.1156



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.



36.3421, 29.5512, 41.8191



61.8876, 46.8770, 70.5620



33.8337, 28.5479, 28.6104



9.7933, 9.6416, 11.3005



16.7353, 8.3253, 14.4316



0.6845, 0.3377, 0.7177

Inverse Universe

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



36.3421, 29.5512, 41.8191



61.8876, 46.8770, 70.5620



35.5859, 44.7422, 49.3121



9.7933, 9.6416, 11.3005



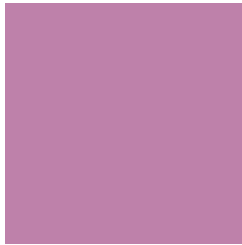
16.7353, 8.3253, 14.4316



0.6845, 0.3377, 0.7177

Previews

White Background



This preview shows how the XYZ color 36.3412, 29.5499, 41.8185 looks on a white background.

Color Contrast Check

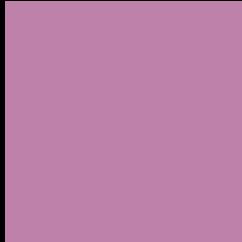
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.3412, 29.5499, 41.8185 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 36.3412, 29.5499, 41.8185

Background



This preview shows how black text looks on a background with the XYZ color 36.3412, 29.5499, 41.8185.



This preview shows how white text looks on a background with the XYZ color 36.3412, 29.5499,

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

36.3412, 29.5499, 41.8185

Protanopia

29.6924, 29.8203, 48.4469

Deuteranopia

30.2747, 29.6066, 40.6782



Tritanopia

34.0527, 29.6286, 30.3097

Trichromacy



Original Color

36.3412, 29.5499, 41.8185

Protanomaly

31.5145, 29.2396, 46.1023

Deuteranomaly

32.2369, 29.5079, 41.0423

Tritanomaly

34.7401, 29.4938, 33.9989

Monochromacy



Original Color

36.3412, 29.5499, 41.8185

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

31.9572, 30.5567, 37.0146

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.3412, 29.5499, 41.8185 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(190, 129, 170)` looks like.

```
.text, #text, p{  
    color:rgb(190, 129, 170)  
}
```

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(190, 129, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 129, 170) }
```

Border

The CSS property to change the border of an element to XYZ 36.3412, 29.5499, 41.8185 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(190, 129, 170) }
```


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

```
.border{ border-color:rgb(190, 129, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 129, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 129, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 129, 170);  
box-shadow:4px 4px 4px 4px rgb(190, 129,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 36.3412, 29.5499, 41.8185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 129, 170) }
```

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

```
.background{ background-color: rgb(190,  
129, 170) }
```

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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