

Converting Colors

XYZ(34.5017, 29.9485, 64.2838)

Have a look what the booklet for
XYZ(34.5017, 29.9485, 64.2838)
contains.

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Color

**XYZ(34.5017, 29.9485,
64.2838)**

Conversions

Conversions Part 1

Format	Color
Hex	9D8AD1
RGB	157, 138, 209
RGB Percent	62%, 54%, 82%
CMY	0.3843, 0.4588, 0.1804
CMYK	0.25, 0.34, 0.00, 0.18
HSL	256°, 44%, 68%
HSV	256°, 34%, 82%
XYZ	34.5017, 29.9485, 64.2838
YIQ	151.7750, -11.4670, 26.1090

Conversions

Conversions Part 2

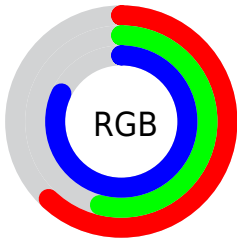
Format	Color
RYB	157, 138, 209
Decimal	10324689
CIELab	61.61, 22.15, -33.97
CIELCh	62, 40.554, 303.103
Yxy	29.9485, 0.2680, 0.2326
Android (android.graphics.Color)	4288514769 (0xFF9D8AD1)
YUV	151.7750, 28.2119, 4.5823
Hunter-Lab	54.7252, 16.7668, -31.3382

Details

The XYZ color **34.5017, 29.9485, 64.2838** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **48.6239, 58.3837, 32.7524**, and the grayscale version is **29.6348, 31.1781, 33.9530**.

A 20% lighter version of the original color is **64.3402, 59.0654, 102.6174**, and **15.0314, 12.2556, 32.1452** is the 20% darker color. If you saturate the color by 10%, you get **28.9851, 23.0740, 63.2481**, and if you desaturate by 10%, it is **40.9715, 38.1722, 65.5307**.

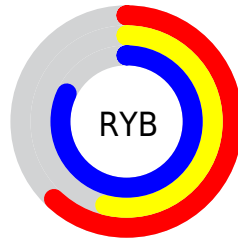
Distribution



Red (62%)

Green (54%)

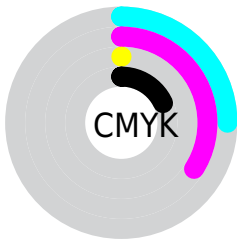
Blue (82%)



Red (62%)

Yellow (54%)

Blue (82%)

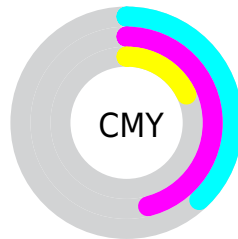


Cyan (25%)

Magenta (34%)

Yellow (0%)

Black (18%)



Cyan (38%)

Magenta (46%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.5017, 29.9485, 64.2838 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 34.5017, 29.9485, 64.2838 by changing the saturation by 10% instead.

■ 34.5017, 29.9485,
64.2838

■ 34.5017, 29.9485,
64.2838

313.9101,
301.6643, 458.4493

■ 23.4440, 19.7995,
46.4329

■ 66.0522, 59.5807,
112.6229

■ 15.0442, 12.2494,
32.2365

■ 87.2757, 79.8327,
143.9483

■ 8.9369, 6.9138,
21.2759

■ 112.6186,
104.2212, 180.6022

■ 4.7568, 3.4082,
13.1326

142.4461,
133.1305, 223.0033

■ 2.1386, 1.3484,
7.3881

177.1237,
166.9451, 271.5699

■ 0.7101, 0.1782,
3.6239

217.0166,

■ 0.0000, 0.0000,

206.0494, 326.7208

1.4214

262.4903,
250.8276, 388.8744

■ 0.0000, 0.0000,
0.1583

■ 0.0000, 0.0000,
0.0000

■ 34.5017, 29.9485,
64.2838

■ 34.5017, 29.9485,
64.2838

■ 28.9851, 23.0740,
63.2481

■ 40.9715, 38.1722,
65.5307

■ 24.3717, 17.4715,
62.4099

■ 48.4350, 47.8094,
66.9974

■ 20.6111, 13.0616,
61.7569

■ 56.9341, 58.9244,
68.6949

■ 17.6468, 9.7540,
61.2747

■ 66.5074, 71.5767,
70.6325

■ 15.4144, 7.4452,
60.9467

■ 77.1912, 85.8223,
72.8191

■ 13.8382, 6.0106,
60.7529

■ 86.2805, 96.2348,
74.3498

■ 13.1357, 5.4422,
60.6802

■ 88.5087, 97.3835,
74.4541

Harmonies

Analogous

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



29.0293, 29.9485, 72.0767



34.5017, 29.9485, 64.2838



38.7318, 29.9485, 47.9442

Triad

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



34.5017, 29.9485, 64.2838



33.4099, 29.9485, 12.6705



19.3288, 29.9485, 34.2404

Complementary

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



34.5017, 29.9485, 64.2838



48.6239, 58.3837, 32.7524

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.



20.1949, 29.9485, 20.9513



34.5017, 29.9485, 64.2838



27.9084, 29.9485, 11.0594

Square

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



34.5017, 29.9485, 64.2838



38.0476, 29.9485, 18.9487



23.1773, 29.9485, 13.5445



20.6440, 29.9485, 51.6294

Rectangle

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



34.5017, 29.9485, 64.2838



40.0291, 29.9485, 36.3001



23.1773, 29.9485, 13.5445



19.3750, 29.9485, 29.1767

Sweetspot

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



34.5027, 29.9497, 64.2845



80.9076, 81.4241, 106.0599



40.4187, 46.8634, 67.2374



16.9214, 16.9111, 22.6223



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.



34.5027, 29.9497, 64.2845



47.4867, 38.6923, 99.5733



42.4461, 34.0446, 64.6562



11.4562, 11.5685, 14.8728



8.1797, 3.3971, 37.4171



0.5337, 0.2293, 2.0957

Inverse Universe

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



44.6781, 35.4511, 53.2041



66.0865, 48.7639, 78.6183



40.8234, 54.3624, 32.3873



12.1701, 11.9528, 14.1717



19.8040, 9.7944, 19.6719



1.1393, 0.5604, 1.2685

Previews

White Background



This preview shows how the XYZ color 34.5017, 29.9485, 64.2838 looks on a white background.

Color Contrast Check

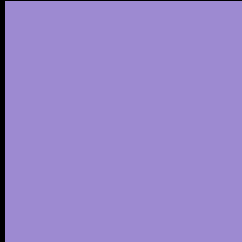
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.5017, 29.9485, 64.2838 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 34.5017, 29.9485, 64.2838

Background



This preview shows how black text looks on a background with the XYZ color 34.5017, 29.9485, 64.2838.



This preview shows how white text looks on a background with the XYZ color 34.5017, 29.9485,

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

34.5017, 29.9485, 64.2838

Protanopia

31.2777, 29.9513, 69.0984

Deuteranopia

30.7495, 30.0396, 63.2090



Tritanopia

29.1478, 30.0138, 37.5147

Trichromacy



Original Color

34.5017, 29.9485, 64.2838

Protanomaly

32.1492, 29.7674, 67.0020

Deuteranomaly

32.0059, 29.9896, 63.7762

Tritanomaly

30.7716, 29.7402, 46.2381

Monochromacy



Original Color

34.5017, 29.9485, 64.2838

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

31.3030, 30.7546, 43.8215

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5017, 29.9485, 64.2838 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(157, 138, 209)` looks like.

```
.text, #text, p{  
    color:rgb(157, 138, 209)  
}
```

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(157, 138, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 138, 209) }
```

Border

The CSS property to change the border of an element to XYZ 34.5017, 29.9485, 64.2838 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(157, 138, 209) }
```


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

```
.border{ border-color:rgb(157, 138, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 138, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 138, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 138, 209);  
box-shadow:4px 4px 4px 4px rgb(157, 138,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5017, 29.9485, 64.2838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 138, 209) }
```

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

```
.background{ background-color: rgb(157,  
138, 209) }
```

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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