

Converting Colors

XYZ(32.9436, 25.6804, 29.2022)

Have a look what the booklet for
XYZ(32.9436, 25.6804, 29.2022)
contains.

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Color

**XYZ(32.9415, 25.6804,
29.2072)**

Conversions

Conversions Part 1

Format	Color
Hex	C0748F
RGB	192, 116, 143
RGB Percent	75%, 45%, 56%
CMY	0.2471, 0.5451, 0.4392
CMYK	0.00, 0.40, 0.26, 0.25
HSL	339°, 38%, 60%
HSV	339°, 40%, 75%
XYZ	32.9415, 25.6804, 29.2072
YIQ	141.8020, 36.6290, 24.5090

Conversions

Conversions Part 2

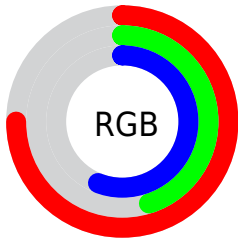
Format	Color
R_{YB}	192, 116, 143
Decimal	12612751
CIE _{Lab}	57.73, 33.40, -1.86
CIE _{LCh}	58, 33.453, 356.812
Yxy	25.6804, 0.3751, 0.2924
Android (android.graphics.Color)	4290802831 (0xFFC0748F)
YUV	141.8020, 0.5906, 44.0236
Hunter-Lab	50.6758, 27.3501, 1.3011

Details

The XYZ color **32.9415, 25.6804, 29.2072** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **32.8447, 44.1295, 42.3862**, and the grayscale version is **25.6212, 26.9555, 29.3545**.

A 20% lighter version of the original color is **63.6904, 52.7311, 59.6446**, and **14.2405, 10.0051, 11.5365** is the 20% darker color. If you saturate the color by 10%, you get **30.0661, 21.3483, 23.8743**, and if you desaturate by 10%, it is **36.3793, 30.9711, 35.2387**.

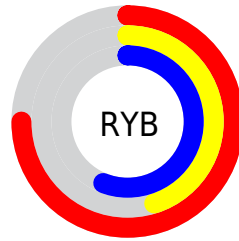
Distribution



Red (75%)

Green (45%)

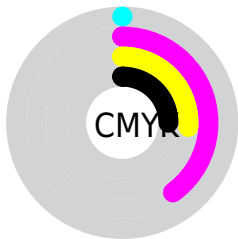
Blue (56%)



Red (75%)

Yellow (45%)

Blue (56%)

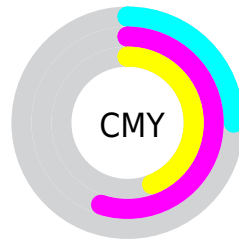


Cyan (0%)

Magenta (40%)

Yellow (26%)

Black (25%)



Cyan (25%)


Magenta (55%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.9415, 25.6804, 29.2072 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 32.9415, 25.6804, 29.2072 by changing the saturation by 10% instead.


 32.9415, 25.6804,
29.2072


 32.9415, 25.6804,
29.2072


307.0557,
281.2096, 312.2828


 22.2407, 16.5847,
18.9907


 63.6395, 52.7589,
59.4522

 14.1514, 9.9388,
11.4868


 84.3673, 71.5105,
80.3178

 8.3085, 5.3584,
6.2770


 109.1682, 94.2495,
105.5702

 4.3464, 2.4591,
2.9427

138.4075,
121.3603, 135.6279

 1.8999, 0.8560,
1.0655

172.4505,
153.2274, 170.9095

 0.5768, 0.0000,
0.0000

211.6627,

 0.0000, 0.0000,

190.2350, 211.8335

0.0000

256.4093,
232.7676, 258.8184

■ 32.9415, 25.6804,
29.2072

■ 32.9415, 25.6804,
29.2072

■ 30.0661, 21.3483,
23.8743

■ 36.3793, 30.9711,
35.2387

■ 27.7191, 17.9131,
19.2115

■ 40.4064, 37.2699,
41.9928

■ 25.8662, 15.3113,
15.1901


■ 45.0506, 44.6272,
49.4941


■ 24.4678, 13.4699,
11.7787


■ 50.3372, 53.0891,
57.7655


■ 23.4776, 12.3026,
8.9420


■ 56.2903, 62.6989,
66.8289


 22.8126, 11.6502,
6.6316

 62.9323, 73.4975,
76.7052

 22.7879, 11.6263,
6.5446

 70.2848, 85.5238,
87.4147

 73.5309, 89.1396,
97.3642

 75.4546, 89.9090,
107.4939

Harmonies

Analogous

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



31.4439, 25.6804, 41.8690



32.9415, 25.6804, 29.2072



31.9541, 25.6804, 19.1396

Triad

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



32.9415, 25.6804, 29.2072



21.0942, 25.6804, 12.5251



20.4277, 25.6804, 50.8025

Complementary

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



32.9415, 25.6804, 29.2072



32.8447, 44.1295, 42.3862

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.



18.1553, 25.6804, 39.1474



32.9415, 25.6804, 29.2072



18.5095, 25.6804, 17.5353

Square

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



32.9415, 25.6804, 29.2072



24.8396, 25.6804, 11.2050



17.4931, 25.6804, 26.7519



23.9823, 25.6804, 56.3003

Rectangle

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



32.9415, 25.6804, 29.2072



30.0728, 25.6804, 14.7573



17.4931, 25.6804, 26.7519



19.5042, 25.6804, 47.3421

Sweetspot

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



32.9422, 25.6816, 29.2077



79.3210, 77.1907, 85.9979



31.0982, 24.2046, 52.9022



16.7742, 16.1746, 18.0595



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.



32.9422, 25.6816, 29.2077



55.3571, 39.9922, 44.9329



32.3694, 27.4245, 20.1119



10.2177, 10.1357, 11.2369



15.3677, 7.8368, 4.5824



0.6970, 0.3518, 0.3718

Inverse Universe

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



32.9422, 25.6816, 29.2077



55.3571, 39.9922, 44.9329



33.4184, 40.9208, 56.0064



10.2177, 10.1357, 11.2369



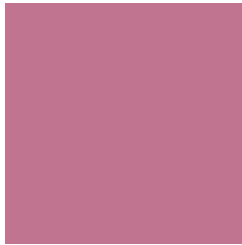
15.3677, 7.8368, 4.5824



0.6970, 0.3518, 0.3718

Previews

White Background



This preview shows how the XYZ color 32.9415, 25.6804, 29.2072 looks on a white background.

Color Contrast Check

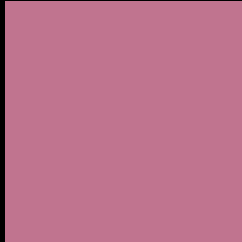
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.9415, 25.6804, 29.2072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

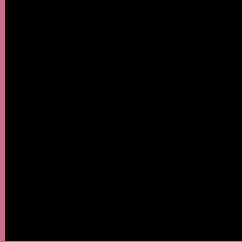
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.9415, 25.6804, 29.2072

Background



This preview shows how black text looks on a background with the XYZ color 32.9415, 25.6804, 29.2072.



This preview shows how white text looks on a background with the XYZ color 32.9415, 25.6804,

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

32.9415, 25.6804, 29.2072

Protanopia

25.3276, 25.8455, 35.5521

Deuteranopia

26.3465, 25.8968, 28.4209



Tritanopia

31.7283, 25.6993, 23.7103

Trichromacy



Original Color

32.9415, 25.6804, 29.2072

Protanomaly

27.3604, 25.3002, 33.1471

Deuteranomaly

28.4632, 25.5769, 28.6360

Tritanomaly

32.1979, 25.7267, 25.4590

Monochromacy



Original Color

32.9415, 25.6804, 29.2072

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

27.7672, 26.2016, 29.1851

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9415, 25.6804, 29.2072 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(192, 116, 143)` looks like.

```
.text, #text, p{  
    color:rgb(192, 116, 143)  
}
```

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(192, 116, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 116, 143) }
```

Border

The CSS property to change the border of an element to XYZ 32.9415, 25.6804, 29.2072 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(192, 116, 143) }
```


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

```
.border{ border-color:rgb(192, 116, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 116, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 116, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 116, 143);  
box-shadow:4px 4px 4px 4px rgb(192, 116,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9415, 25.6804, 29.2072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 116, 143) }
```

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

```
.background{ background-color: rgb(192,  
116, 143) }
```

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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