

Converting Colors

XYZ(32.9175, 24.1198, 32.6264)

Have a look what the booklet for
XYZ(32.9175, 24.1198, 32.6264)
contains.

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Color

**XYZ(32.9175, 24.1198,
32.6264)**

Conversions

Conversions Part 1

Format	Color
Hex	C16B98
RGB	193, 107, 152
RGB Percent	76%, 42%, 60%
CMY	0.2431, 0.5804, 0.4039
CMYK	0.00, 0.45, 0.21, 0.24
HSL	329°, 41%, 59%
HSV	329°, 45%, 76%
XYZ	32.9175, 24.1198, 32.6264
YIQ	137.8440, 36.8110, 32.2270

Conversions

Conversions Part 2

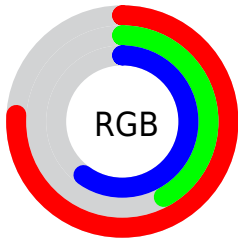
Format	Color
R_{YB}	193, 107, 152
Decimal	12675992
CIE _{Lab}	56.21, 39.89, -9.34
CIE _{LCh}	56, 40.968, 346.824
Yxy	24.1198, 0.3671, 0.2690
Android (android.graphics.Color)	4290866072 (0xFFC16B98)
YUV	137.8440, 6.9789, 48.3718
Hunter-Lab	49.1119, 33.6947, -5.0096

Details

The XYZ color **32.9175, 24.1198, 32.6264** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **30.4797, 43.4045, 34.7904**, and the grayscale version is **24.0631, 25.3163, 27.5694**.

A 20% lighter version of the original color is **63.4950, 50.1071, 64.7176**, and **14.0797, 9.0863, 13.3237** is the 20% darker color. If you saturate the color by 10%, you get **30.4007, 20.2457, 28.2124**, and if you desaturate by 10%, it is **35.9432, 28.9177, 37.4991**.

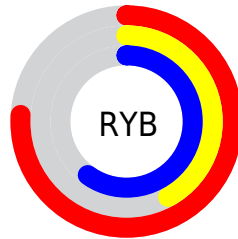
Distribution



Red (76%)

Green (42%)

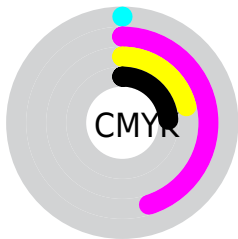
Blue (60%)



Red (76%)

Yellow (42%)

Blue (60%)

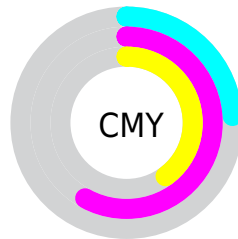


Cyan (0%)

Magenta (45%)

Yellow (21%)

Black (24%)



Cyan (24%)


Magenta (58%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.9175, 24.1198, 32.6264 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 32.9175, 24.1198, 32.6264 by changing the saturation by 10% instead.


 32.9175, 24.1198,
32.6264


 32.9175, 24.1198,
32.6264


306.9494,
273.4256, 328.5431


 22.2222, 15.4225,
21.5716


 63.6022, 50.2256,
64.9011


 14.1378, 9.1164,
13.3472


 84.3224, 68.4030,
86.9581

 8.2989, 4.8172,
7.5345

 109.1148, 90.5091,
113.5195

 4.3402, 2.1404,
3.7151

 138.3450,
116.9284, 145.0040

 1.8963, 0.6872,
1.4704

172.3781,
148.0453, 181.8301

 0.5747, 0.0000,
0.1957

211.5797,

 0.0000, 0.0000,

184.2442, 224.4163

0.0000

256.3150,
225.9095, 273.1811

■ 32.9175, 24.1198,
32.6264

■ 32.9175, 24.1198,
32.6264

■ 30.4007, 20.2457,
28.2124

■ 35.9432, 28.9177,
37.4991

■ 28.3592, 17.2309,
24.2385

■ 39.5045, 34.6913,
42.8448

■ 26.7583, 15.0082,
20.6868


■ 43.6285, 41.4928,
48.6791


■ 25.5575, 13.4985,
17.5367


■ 48.3400, 49.3695,
55.0159


■ 24.7077, 12.6061,
14.7646

■ 53.6619, 58.3660,
61.8689

 24.3406, 12.2768,
13.3946

 59.6163, 68.5241,
69.2508

 66.2239, 79.8837,
77.1741

 71.4270, 88.3273,
84.9582

 72.7212, 88.8450,
91.7734

Harmonies

Analogous

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



30.1809, 24.1198, 48.2963



32.9175, 24.1198, 32.6264



32.7280, 24.1198, 19.4504

Triad

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



32.9175, 24.1198, 32.6264



20.4035, 24.1198, 8.4418



17.2720, 24.1198, 50.0695

Complementary

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



32.9175, 24.1198, 32.6264



30.4797, 43.4045, 34.7904

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.



15.3058, 24.1198, 34.5037



32.9175, 24.1198, 32.6264



16.9368, 24.1198, 12.2171

Square

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



32.9175, 24.1198, 32.6264



25.0512, 24.1198, 8.2430



15.1921, 24.1198, 20.7849



20.9229, 24.1198, 60.4583

Rectangle

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



32.9175, 24.1198, 32.6264



30.9620, 24.1198, 13.5865



15.1921, 24.1198, 20.7849



16.4153, 24.1198, 45.0679

Sweetspot

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



32.9182, 24.1210, 32.6269



79.2184, 76.1086, 88.6672



26.9410, 20.5823, 53.0052



16.6161, 15.6983, 18.5005



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.



32.9182, 24.1210, 32.6269



54.7460, 36.7112, 51.0761



30.0581, 22.9769, 17.5659



10.2884, 10.1640, 11.6091



16.2300, 8.1817, 9.1231



0.7359, 0.3674, 0.5767

Inverse Universe

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



32.9182, 24.1210, 32.6269



54.7460, 36.7112, 51.0761



34.4430, 44.9898, 55.6606



10.2884, 10.1640, 11.6091



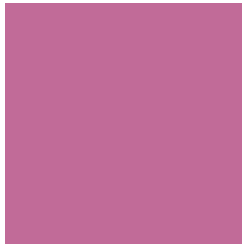
16.2300, 8.1817, 9.1231



0.7359, 0.3674, 0.5767

Previews

White Background



This preview shows how the XYZ color 32.9175, 24.1198, 32.6264 looks on a white background.

Color Contrast Check

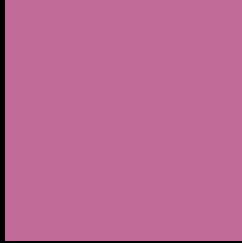
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.9175, 24.1198, 32.6264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

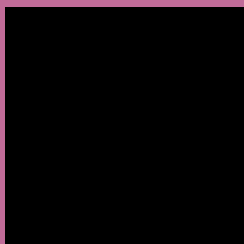
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.9175, 24.1198, 32.6264

Background



This preview shows how black text looks on a background with the XYZ color 32.9175, 24.1198, 32.6264.



This preview shows how white text looks on a background with the XYZ color 32.9175, 24.1198,

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

32.9175, 24.1198, 32.6264

Protanopia

24.3850, 24.3881, 41.4524

Deuteranopia

24.7893, 24.2104, 31.3835



Tritanopia

30.5915, 24.1379, 21.1359

Trichromacy



Original Color

32.9175, 24.1198, 32.6264

Protanomaly

26.3962, 23.5437, 37.8035

Deuteranomaly

27.0823, 23.6661, 31.5744

Tritanomaly

31.3352, 24.1112, 24.8322

Monochromacy



Original Color

32.9175, 24.1198, 32.6264

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

26.6478, 24.4310, 29.2978

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9175, 24.1198, 32.6264 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, 107, 152)` looks like.

```
.text, #text, p{  
    color:rgb(193, 107, 152)  
}
```

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, 107, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 107, 152) }
```

Border

The CSS property to change the border of an element to XYZ 32.9175, 24.1198, 32.6264 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, 107, 152) }
```


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

```
.border{ border-color:rgb(193, 107, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 107, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 107, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 107, 152);  
box-shadow:4px 4px 4px 4px rgb(193, 107,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9175, 24.1198, 32.6264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 107, 152) }
```

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

```
.background{ background-color: rgb(193,  
107, 152) }
```

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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