

Converting Colors

XYZ(34.1744, 24.8532, 31.4187)

Have a look what the booklet for
XYZ(34.1744, 24.8532, 31.4187)
contains.

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Color

**XYZ(34.2357, 24.8274,
31.4215)**

Conversions

Conversions Part 1

Format	Color
Hex	C76B95
RGB	199, 107, 149
RGB Percent	78%, 42%, 58%
CMY	0.2196, 0.5804, 0.4157
CMYK	0.00, 0.46, 0.25, 0.22
HSL	333°, 45%, 60%
HSV	333°, 46%, 78%
XYZ	34.2357, 24.8274, 31.4215
YIQ	139.2960, 41.3500, 32.5660

Conversions

Conversions Part 2

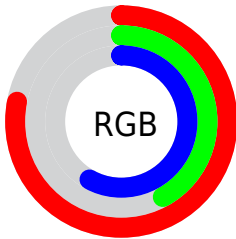
Format	Color
RYB	199, 107, 149
Decimal	13069205
CIELab	56.91, 41.50, -6.46
CIElCh	57, 42.001, 351.147
Yxy	24.8274, 0.3784, 0.2744
Android (android.graphics.Color)	4291259285 (0xFFC76B95)
YUV	139.2960, 4.7841, 52.3604
Hunter-Lab	49.8271, 35.4481, -2.5099

Details

The XYZ color **34.2357, 24.8274, 31.4215** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **32.5738, 46.4077, 39.1413**, and the grayscale version is **24.6263, 25.9088, 28.2147**.

A 20% lighter version of the original color is **64.5903, 50.7134, 62.8843**, and **14.9465, 9.5498, 12.6108** is the 20% darker color. If you saturate the color by 10%, you get **31.5709, 20.8160, 26.4689**, and if you desaturate by 10%, it is **37.4596, 29.8281, 36.9566**.

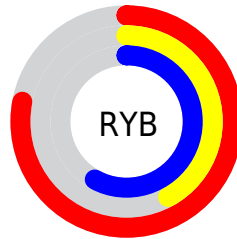
Distribution



Red (78%)

Green (42%)

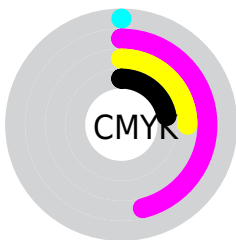
Blue (58%)



Red (78%)

Yellow (42%)

Blue (58%)

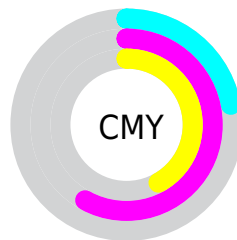


Cyan (0%)

Magenta (46%)

Yellow (25%)

Black (22%)



Cyan (22%)

Magenta (58%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.2357, 24.8274, 31.4215 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 34.2357, 24.8274, 31.4215 by changing the saturation by 10% instead.


 34.2357, 24.8274,
31.4215


 34.2357, 24.8274,
31.4215


312.7492,
276.9773, 322.8866


 23.2385, 15.9485,
20.6589


 65.6419, 51.3771,
62.9904


 14.8914, 9.4877,
12.6861


 86.7816, 69.8167,
84.6338

 8.8290, 5.0606,
7.0846


 112.0328, 92.2119,
110.7411

 4.6860, 2.2829,
3.4358

 141.7609,
118.9473, 141.7310

 2.0971, 0.7646,
1.3212

176.3312,
150.4071, 178.0219

 0.6876, 0.0000,
0.0791

216.1091,

 0.0000, 0.0000,

186.9757, 220.0325

0.0000

261.4600,
229.0377, 268.1812

■ 34.2357, 24.8274,
31.4215

■ 34.2357, 24.8274,
31.4215

■ 31.5709, 20.8160,
26.4689

■ 37.4596, 29.8281,
36.9566

■ 29.4276, 17.7229,
22.0749

■ 41.2724, 35.8754,
43.0939

■ 27.7667, 15.4736,
18.2155


■ 45.7046, 43.0264,
49.8535


■ 26.5425, 13.9799,
14.8637


■ 50.7837, 51.3331,
57.2542


■ 25.6968, 13.1299,
11.9878

■ 56.5355, 60.8442,
65.3139

 25.4349, 12.8948,
11.0104

 62.9843, 71.6054,
74.0498

 70.1533, 83.6602,
83.4782

 74.3849, 89.6908,
92.3884

 76.0005, 90.3371,
100.8958

Harmonies

Analogous

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



31.7596, 24.8274, 47.8443



34.2357, 24.8274, 31.4215



33.5680, 24.8274, 18.3882

Triad

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



34.2357, 24.8274, 31.4215



20.3463, 24.8274, 8.8176



18.1458, 24.8274, 54.1026

Complementary

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



34.2357, 24.8274, 31.4215



32.5738, 46.4077, 39.1413

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.



15.8274, 24.8274, 38.0342



34.2357, 24.8274, 31.4215



16.9696, 24.8274, 13.3479

Square

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



34.2357, 24.8274, 31.4215



25.0841, 24.8274, 8.1249



15.4290, 24.8274, 23.0731



22.1712, 24.8274, 63.6203

Rectangle

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



34.2357, 24.8274, 31.4215



31.4638, 24.8274, 12.8356



15.4290, 24.8274, 23.0731



17.1658, 24.8274, 49.0701

Sweetspot

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



34.2364, 24.8286, 31.4220



81.7317, 78.1124, 89.8196



29.2908, 21.7149, 56.6807



17.0992, 16.0770, 18.6395



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.



34.2364, 24.8286, 31.4220



55.4560, 36.7100, 46.6907



31.7911, 24.3712, 16.9399



10.8318, 10.7161, 12.0977



16.3982, 8.3088, 7.3067



0.8129, 0.4080, 0.5378

Inverse Universe

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



34.2364, 24.8286, 31.4220



55.4560, 36.7100, 46.6907



36.0979, 46.6997, 61.1445



10.8318, 10.7161, 12.0977



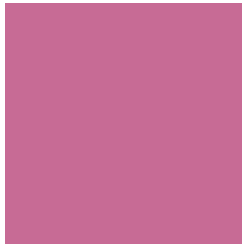
16.3982, 8.3088, 7.3067



0.8129, 0.4080, 0.5378

Previews

White Background



This preview shows how the XYZ color 34.2357, 24.8274, 31.4215 looks on a white background.

Color Contrast Check

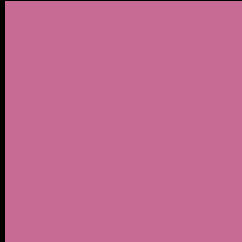
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.2357, 24.8274, 31.4215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

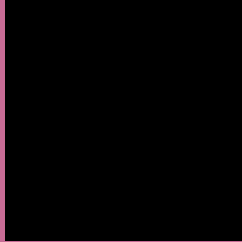
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.2357, 24.8274, 31.4215

Background



This preview shows how black text looks on a background with the XYZ color 34.2357, 24.8274, 31.4215.



This preview shows how white text looks on a background with the XYZ color 34.2357, 24.8274,

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

34.2357, 24.8274, 31.4215

Protanopia

25.0780, 25.1813, 40.5845

Deuteranopia

25.5310, 25.0224, 30.2722



Tritanopia

32.0103, 24.7046, 21.1705

Trichromacy



Original Color

34.2357, 24.8274, 31.4215

Protanomaly

27.2842, 24.2090, 36.9530

Deuteranomaly

28.1218, 24.5976, 30.4598

Tritanomaly

32.6986, 24.6609, 24.5093

Monochromacy



Original Color

34.2357, 24.8274, 31.4215

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

27.2452, 24.7390, 29.3257

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2357, 24.8274, 31.4215 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(199, 107, 149)` looks like.

```
.text, #text, p{  
    color:rgb(199, 107, 149)  
}
```

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(199, 107, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 107, 149) }
```

Border

The CSS property to change the border of an element to XYZ 34.2357, 24.8274, 31.4215 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(199, 107, 149) }
```


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

```
.border{ border-color:rgb(199, 107, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 107, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 107, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 107, 149);  
box-shadow:4px 4px 4px 4px rgb(199, 107,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2357, 24.8274, 31.4215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 107, 149) }
```

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

```
.background{ background-color: rgb(199,  
107, 149) }
```

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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