

Converting Colors

XYZ(35.7213, 24.2775, 30.7636)

Have a look what the booklet for
XYZ(35.7213, 24.2775, 30.7636)
contains.

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Color

**XYZ(35.7254, 24.2834,
30.8212)**

Conversions

Conversions Part 1

Format	Color
Hex	D06294
RGB	208, 98, 148
RGB Percent	82%, 38%, 58%
CMY	0.1843, 0.6157, 0.4196
CMYK	0.00, 0.53, 0.29, 0.18
HSL	333°, 54%, 60%
HSV	333°, 53%, 82%
XYZ	35.7254, 24.2834, 30.8212
YIQ	136.5900, 49.5100, 38.8700

Conversions

Conversions Part 2

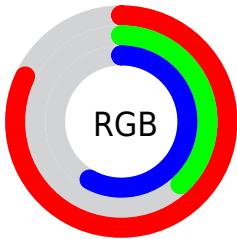
Format	Color
R _Y B	208, 98, 148
Decimal	13656724
CIE Lab	56.37, 48.90, -6.54
CIE LCh	56, 49.335, 352.380
Yxy	24.2834, 0.3933, 0.2673
Android (android.graphics.Color)	4291846804 (0xFFD06294)
YUV	136.5900, 5.6251, 62.6266
Hunter-Lab	49.2782, 43.1710, -2.5884

Details

The XYZ color **35.7254, 24.2834, 30.8212** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **33.7657, 50.1777, 40.2561**, and the grayscale version is **23.5905, 24.8191, 27.0279**.

A 20% lighter version of the original color is **63.1289, 47.9807, 61.8111**, and **15.8208, 9.2437, 12.2596** is the 20% darker color. If you saturate the color by 10%, you get **33.1714, 20.5428, 25.7541**, and if you desaturate by 10%, it is **38.8744, 29.0728, 36.5215**.

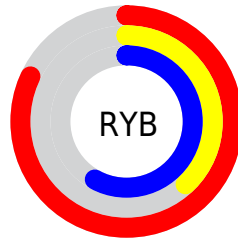
Distribution



Red (82%)

Green (38%)

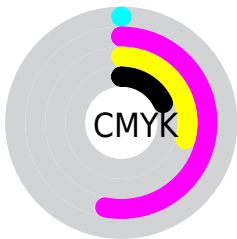
Blue (58%)



Red (82%)

Yellow (38%)

Blue (58%)

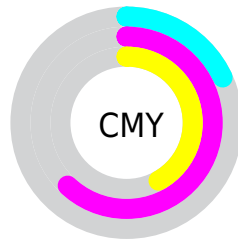


Cyan (0%)

Magenta (53%)

Yellow (29%)

Black (18%)



Cyan (18%)


Magenta (62%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.7254, 24.2834, 30.8212 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 35.7254, 24.2834, 30.8212 by changing the saturation by 10% instead.

 35.7254, 24.2834,
30.8212


 35.7254, 24.2834,
30.8212


319.2109,
274.2501, 320.0394


 24.3913, 15.5440,
20.2054


 67.9347, 50.4923,
62.0347


 15.7505, 9.2020,
12.3589


 89.5406, 68.7305,
83.4696

 9.4375, 4.8732,
6.8631


 115.3011, 90.9038,
109.3478

 5.0870, 2.1731,
3.2995

 145.5816,
117.3966, 140.0880

 2.3337, 0.7052,
1.2495

180.7475,
148.5932, 176.1088

 0.8118, 0.0000,
0.0199

221.1641,

 0.0000, 0.0000,

184.8781, 217.8285

0.0000

267.1968,
226.6356, 265.6659

■ 35.7254, 24.2834,
30.8212

■ 35.7254, 24.2834,
30.8212

■ 33.1714, 20.5428,
25.7541

■ 38.8744, 29.0728,
36.5215

■ 31.1678, 17.7664,
21.2921

■ 42.6546, 34.9798,
42.8783

■ 29.6666, 15.8620,
17.4065

■ 47.1014, 42.0717,
49.9151

■ 28.6095, 14.7177,
14.0642

■ 52.2470, 50.4091,
57.6536

■ 28.0572, 14.2278,
11.9846

■ 58.1215, 60.0488,
66.1146

■ 64.7531, 71.0438,
75.3177

■ 72.1684, 83.4441,
85.2820

■ 77.3183, 91.1483,
95.0006

■ 79.0458, 91.8393,
104.0975

Harmonies

Analogous

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



32.8867, 24.2834, 50.5776



35.7254, 24.2834, 30.8212



34.7599, 24.2834, 16.2066

Triad

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



35.7254, 24.2834, 30.8212



19.1571, 24.2834, 6.7506



17.0205, 24.2834, 59.8744

Complementary

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



35.7254, 24.2834, 30.8212



33.7657, 50.1777, 40.2561

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.



14.3631, 24.2834, 40.2697



35.7254, 24.2834, 30.8212



15.4478, 24.2834, 11.5448

Square

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



35.7254, 24.2834, 30.8212



24.5635, 24.2834, 5.9456



13.8389, 24.2834, 22.4959



21.6587, 24.2834, 71.3005

Rectangle

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



35.7254, 24.2834, 30.8212



32.1520, 24.2834, 10.4340



13.8389, 24.2834, 22.4959



15.8995, 24.2834, 53.7150

Sweetspot

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



35.7261, 24.2846, 30.8217



80.0087, 75.3230, 87.2214



29.5937, 20.4256, 62.0574



16.7583, 15.5272, 18.1188



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.



35.7261, 24.2846, 30.8217



52.2831, 32.1315, 40.1844



32.9367, 23.7304, 14.4013



12.0290, 11.8963, 13.4283



17.5342, 8.8865, 7.7193



1.0202, 0.5128, 0.6411

Inverse Universe

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



35.7261, 24.2846, 30.8217



52.2831, 32.1315, 40.1844



38.0952, 50.4956, 67.4134



12.0290, 11.8963, 13.4283



17.5342, 8.8865, 7.7193



1.0202, 0.5128, 0.6411

Previews

White Background



This preview shows how the XYZ color 35.7254, 24.2834, 30.8212 looks on a white background.

Color Contrast Check

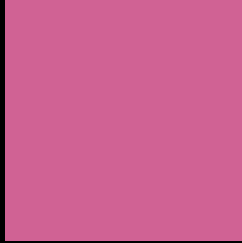
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.7254, 24.2834, 30.8212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

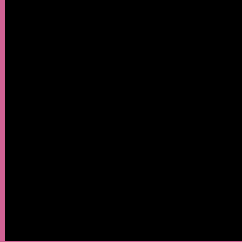
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.7254, 24.2834, 30.8212

Background



This preview shows how black text looks on a background with the XYZ color 35.7254, 24.2834, 30.8212.



This preview shows how white text looks on a background with the XYZ color 35.7254, 24.2834,

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

35.7254, 24.2834, 30.8212

Protanopia

24.5757, 24.4644, 42.4565

Deuteranopia

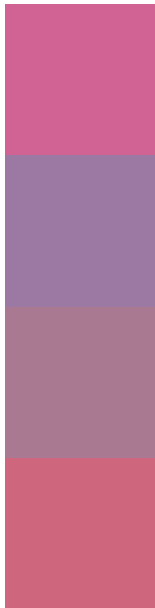
25.0632, 24.5967, 29.4133



Tritanopia

33.2090, 24.2745, 18.5579

Trichromacy



Original Color

35.7254, 24.2834, 30.8212

Protanomaly

27.1585, 23.3870, 37.7331

Deuteranomaly

28.1895, 23.9123, 29.9178

Tritanomaly

33.9709, 24.1309, 22.6059

Monochromacy



Original Color

35.7254, 24.2834, 30.8212

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

26.9949, 23.8755, 28.3850

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7254, 24.2834, 30.8212 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(208, 98, 148)` looks like.

```
.text, #text, p{  
    color:rgb(208, 98, 148)  
}
```

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(208, 98, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 98, 148) }
```

Border

The CSS property to change the border of an element to XYZ 35.7254, 24.2834, 30.8212 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(208, 98, 148) }
```


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

```
.border{ border-color:rgb(208, 98, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 98, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 98, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 98, 148);  
box-shadow:4px 4px 4px 4px rgb(208, 98,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7254, 24.2834, 30.8212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 98, 148) }
```

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

```
.background{ background-color: rgb(208, 98,  
148) }
```

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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