

Converting Colors

XYZ(35.5091, 24.4306, 31.6250)

Have a look what the booklet for
XYZ(35.5091, 24.4306, 31.6250)
contains.

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Color

**XYZ(35.5158, 24.4382,
31.6993)**

Conversions

Conversions Part 1

Format	Color
Hex	CE6496
RGB	206, 100, 150
RGB Percent	81%, 39%, 59%
CMY	0.1922, 0.6078, 0.4118
CMYK	0.00, 0.51, 0.27, 0.19
HSL	332°, 52%, 60%
HSV	332°, 51%, 81%
XYZ	35.5158, 24.4382, 31.6993
YIQ	137.3940, 47.1260, 38.0220

Conversions

Conversions Part 2

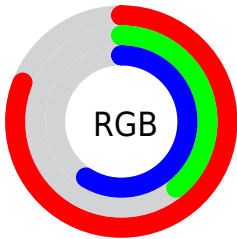
Format	Color
R _Y B	206, 100, 150
Decimal	13526166
CIE Lab	56.52, 47.53, -7.51
CIE LCh	57, 48.121, 351.018
Yxy	24.4382, 0.3875, 0.2666
Android (android.graphics.Color)	4291716246 (0xFFCE6496)
YUV	137.3940, 6.2148, 60.1675
Hunter-Lab	49.4350, 41.7292, -3.4141

Details

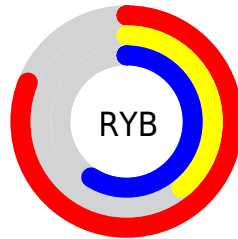
The XYZ color **35.5158, 24.4382, 31.6993** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **33.3288, 49.2529, 39.2053**, and the grayscale version is **23.8925, 25.1368, 27.3739**.

A 20% lighter version of the original color is **63.6947, 48.7308, 63.1757**, and **15.6631, 9.3234, 12.7784** is the 20% darker color. If you saturate the color by 10%, you get **32.9478, 20.6401, 26.7183**, and if you desaturate by 10%, it is **38.6661, 29.2702, 37.2765**.

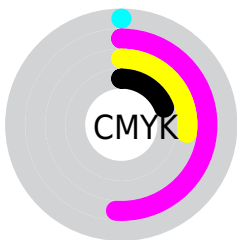
Distribution



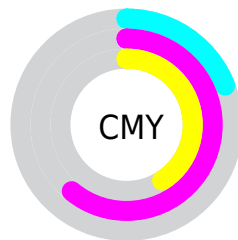
- Red (81%)
- Green (39%)
- Blue (59%)



- Red (81%)
- Yellow (39%)
- Blue (59%)



- Cyan (0%)
- Magenta (51%)
- Yellow (27%)
- Black (19%)





- Cyan (19%)
- Magenta (61%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.5158, 24.4382, 31.6993 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 35.5158, 24.4382, 31.6993 by changing the saturation by 10% instead.


 35.5158, 24.4382,
31.6993


 35.5158, 24.4382,
31.6993


318.3075,
275.0284, 324.1976


 24.2288, 15.6590,
20.8690


 67.6128, 50.7443,
63.4318

 15.6291, 9.2832,
12.8380


 89.1536, 69.0401,
85.1711

 9.3513, 4.9263,
7.1877


 114.8431, 91.2768,
111.3838

 5.0299, 2.2041,
3.4995

 145.0465,
117.8388, 142.4885

 2.2998, 0.7222,
1.3550

180.1293,
149.1106, 178.9037

 0.7946, 0.0000,
0.1062

220.4568,

 0.0000, 0.0000,

185.4765, 221.0479

0.0000

266.3945,
227.3210, 269.3397

■ 35.5158, 24.4382,
31.6993

■ 35.5158, 24.4382,
31.6993

■ 32.9478, 20.6401,
26.7183

■ 38.6661, 29.2702,
37.2765

■ 30.9194, 17.7946,
22.3078

■ 42.4331, 35.2021,
43.4711

■ 29.3849, 15.8139,
18.4413

■ 46.8509, 42.2987,
50.3049

■ 28.2895, 14.5921,
15.0887

■ 51.9504, 50.6186,
57.7978

■ 27.6190, 13.9880,
12.5938

■ 57.7605, 60.2165,
65.9689

■ 64.3083, 71.1437,
74.8364

■ 71.6195, 83.4487,
84.4176

■ 76.5099, 90.7603,
93.6598

■ 78.1496, 91.4162,
102.2947

Harmonies

Analogous

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



32.6039, 24.4382, 50.9912



35.5158, 24.4382, 31.6993



34.7488, 24.4382, 17.0415

Triad

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



35.5158, 24.4382, 31.6993



19.5890, 24.4382, 7.0003



17.1121, 24.4382, 58.3463

Complementary

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



35.5158, 24.4382, 31.6993



33.3288, 49.2529, 39.2053

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.



14.5845, 24.4382, 39.2183



35.5158, 24.4382, 31.6993



15.8473, 24.4382, 11.5843

Square

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



35.5158, 24.4382, 31.6993



24.9431, 24.4382, 6.3378



14.1618, 24.4382, 22.0951



21.5930, 24.4382, 69.9495

Rectangle

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



35.5158, 24.4382, 31.6993



32.2977, 24.4382, 11.1106



14.1618, 24.4382, 22.0951



16.0379, 24.4382, 52.2922

Sweetspot

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



35.5165, 24.4394, 31.6998



80.9537, 76.7430, 88.9855



29.1718, 20.5176, 60.8155



16.9490, 15.8087, 18.4911



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.



35.5165, 24.4394, 31.6998



52.9012, 32.7492, 42.2970



32.4833, 23.5002, 14.8821



11.4289, 11.3003, 12.7932



17.0551, 8.6326, 8.0089



0.9181, 0.4606, 0.6146

Inverse Universe

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



35.5165, 24.4394, 31.6998



52.9012, 32.7492, 42.2970



38.0453, 50.4628, 66.1278



11.4289, 11.3003, 12.7932



17.0551, 8.6326, 8.0089



0.9181, 0.4606, 0.6146

Previews

White Background



This preview shows how the XYZ color 35.5158, 24.4382, 31.6993 looks on a white background.

Color Contrast Check

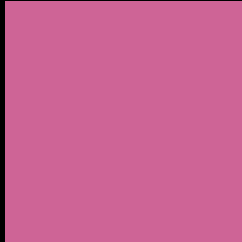
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.5158, 24.4382, 31.6993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

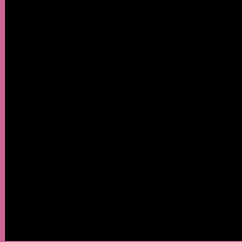
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.5158, 24.4382, 31.6993

Background



This preview shows how black text looks on a background with the XYZ color 35.5158, 24.4382, 31.6993.



This preview shows how white text looks on a background with the XYZ color 35.5158, 24.4382,

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

35.5158, 24.4382, 31.6993

Protanopia

24.8110, 24.7807, 43.0106

Deuteranopia

25.0392, 24.5666, 30.2102



Tritanopia

32.9808, 24.4497, 19.2006

Trichromacy



Original Color

35.5158, 24.4382, 31.6993

Protanomaly

27.2686, 23.6042, 38.7162

Deuteranomaly

27.9193, 23.7550, 30.7174

Tritanomaly

33.7484, 24.2965, 23.3330

Monochromacy



Original Color

35.5158, 24.4382, 31.6993

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

26.9904, 24.0497, 28.8107

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5158, 24.4382, 31.6993 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(206, 100, 150)` looks like.

```
.text, #text, p{  
    color:rgb(206, 100, 150)  
}
```

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(206, 100, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 100, 150) }
```

Border

The CSS property to change the border of an element to XYZ 35.5158, 24.4382, 31.6993 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(206, 100, 150) }
```


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

```
.border{ border-color:rgb(206, 100, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 100, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 100, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 100, 150);  
box-shadow:4px 4px 4px 4px rgb(206, 100,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5158, 24.4382, 31.6993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 100, 150) }
```

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

```
.background{ background-color: rgb(206,  
100, 150) }
```

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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