

Converting Colors

XYZ(35.7100, 24.8266, 31.7640)

Have a look what the booklet for
XYZ(35.7100, 24.8266, 31.7640)
contains.

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Color

**XYZ(35.7100, 24.8266,
31.7640)**

Conversions

Conversions Part 1

Format	Color
Hex	CE6696
RGB	206, 102, 150
RGB Percent	81%, 40%, 59%
CMY	0.1922, 0.6000, 0.4118
CMYK	0.00, 0.50, 0.27, 0.19
HSL	332°, 51%, 60%
HSV	332°, 50%, 81%
XYZ	35.7100, 24.8266, 31.7640
YIQ	138.5680, 46.5760, 36.9760

Conversions

Conversions Part 2

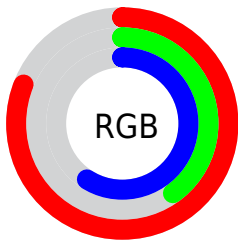
Format	Color
R _Y B	206, 102, 150
Decimal	13526678
CIE Lab	56.91, 46.54, -6.94
CIE LCh	57, 47.054, 351.514
Yxy	24.8266, 0.3869, 0.2690
Android (android.graphics.Color)	4291716758 (0xFFCE6696)
YUV	138.5680, 5.6360, 59.1379
Hunter-Lab	49.8263, 40.7331, -2.9187

Details

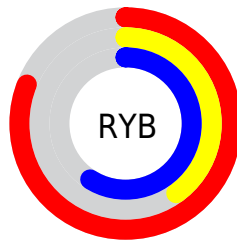
The XYZ color **35.7100, 24.8266, 31.7640** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **33.7236, 49.4367, 40.1152**, and the grayscale version is **24.3421, 25.6097, 27.8890**.

A 20% lighter version of the original color is **64.0276, 49.3966, 63.2866**, and **15.7449, 9.4870, 12.8057** is the 20% darker color. If you saturate the color by 10%, you get **33.0798, 20.9286, 26.6869**, and if you desaturate by 10%, it is **38.9291, 29.7668, 37.4552**.

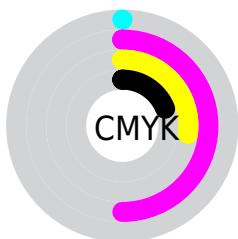
Distribution



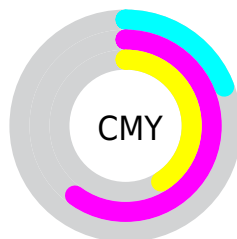
- Red (81%)
- Green (40%)
- Blue (59%)



- Red (81%)
- Yellow (40%)
- Blue (59%)



- Cyan (0%)
- Magenta (50%)
- Yellow (27%)
- Black (19%)





- Cyan (19%)
- Magenta (60%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.7100, 24.8266, 31.7640 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 35.7100, 24.8266, 31.7640 by changing the saturation by 10% instead.


 35.7100, 24.8266,
31.7640


 35.7100, 24.8266,
31.7640


319.1446,
276.9733, 324.5023


 24.3794, 15.9479,
20.9180


 67.9110, 51.3758,
63.5345


 15.7415, 9.4873,
12.8734


 89.5121, 69.8151,
85.2961

 9.4311, 5.0604,
7.2117


 115.2675, 92.2100,
111.5333

 5.0828, 2.2827,
3.5144

 145.5423,
118.9450, 142.6647

 2.3312, 0.7645,
1.3629

180.7021,
150.4044, 179.1087

 0.8105, 0.0000,
0.1125

221.1122,

 0.0000, 0.0000,

186.9727, 221.2840

0.0000

267.1379,
229.0342, 269.6090

■ 35.7100, 24.8266,
31.7640

■ 35.7100, 24.8266,
31.7640

■ 33.0798, 20.9286,
26.6869

■ 38.9291, 29.7668,
37.4552

■ 30.9962, 17.9923,
22.1974

■ 42.7714, 35.8145,
43.7822

■ 29.4140, 15.9312,
18.2687

■ 47.2708, 43.0340,
50.7672

■ 28.2792, 14.6413,
14.8703

■ 52.4581, 51.4837,
58.4308

■ 27.5225, 13.9494,
12.0854

■ 58.3622, 61.2178,
66.7926

■ 65.0100, 72.2875,
75.8711

■ 72.4274, 84.7411,
85.6842

■ 76.7558, 90.8587,
94.9550

■ 78.4434, 91.5337,
103.8416

Harmonies

Analogous

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



32.9045, 24.8266, 50.6671



35.7100, 24.8266, 31.7640



34.8958, 24.8266, 17.3576

Triad

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



35.7100, 24.8266, 31.7640



19.9193, 24.8266, 7.4835



17.5959, 24.8266, 58.4370

Complementary

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



35.7100, 24.8266, 31.7640



33.7236, 49.4367, 40.1152

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.



15.0455, 24.8266, 39.7628



35.7100, 24.8266, 31.7640



16.2343, 24.8266, 12.1991

Square

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



35.7100, 24.8266, 31.7640



25.1960, 24.8266, 6.7516



14.5891, 24.8266, 22.7949



22.0670, 24.8266, 69.5451

Rectangle

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



35.7100, 24.8266, 31.7640



32.4573, 24.8266, 11.4905



14.5891, 24.8266, 22.7949



16.5164, 24.8266, 52.5576

Sweetspot

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



35.7107, 24.8278, 31.7645



80.8977, 76.7206, 88.6904



29.8890, 21.1756, 60.9047



16.9356, 15.8033, 18.4202



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.



35.7107, 24.8278, 31.7645



53.1180, 33.2185, 42.2593



32.9521, 24.2810, 15.5219



11.4241, 11.2984, 12.7679



16.9953, 8.6087, 7.6940



0.9149, 0.4594, 0.5979

Inverse Universe

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



35.7107, 24.8278, 31.7645



53.1180, 33.2185, 42.2593



37.8668, 49.7734, 66.0041



11.4241, 11.2984, 12.7679



16.9953, 8.6087, 7.6940



0.9149, 0.4594, 0.5979

Previews

White Background



This preview shows how the XYZ color 35.7100, 24.8266, 31.7640 looks on a white background.

Color Contrast Check

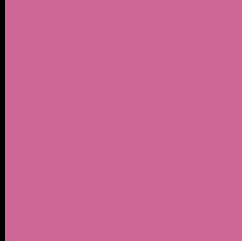
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.7100, 24.8266, 31.7640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

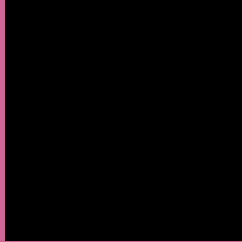
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.7100, 24.8266, 31.7640

Background



This preview shows how black text looks on a background with the XYZ color 35.7100, 24.8266, 31.7640.



This preview shows how white text looks on a background with the XYZ color 35.7100, 24.8266,

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

35.7100, 24.8266, 31.7640

Protanopia

25.1526, 25.1761, 42.5635

Deuteranopia

25.5310, 25.0224, 30.2722



Tritanopia

33.2496, 24.8947, 19.5757

Trichromacy



Original Color

35.7100, 24.8266, 31.7640

Protanomaly

27.6188, 24.1636, 38.3303

Deuteranomaly

28.3744, 24.3505, 30.8084

Tritanomaly

33.9522, 24.7040, 23.4009

Monochromacy



Original Color

35.7100, 24.8266, 31.7640

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

27.5230, 24.6914, 29.3019

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7100, 24.8266, 31.7640 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, 102, 150)` looks like.

```
.text, #text, p{  
    color:rgb(206, 102, 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, 102, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 102, 150) }
```

Border

The CSS property to change the border of an element to XYZ 35.7100, 24.8266, 31.7640 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, 102, 150) }
```


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

```
.border{ border-color:rgb(206, 102, 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, 102, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 102, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 102, 150);  
box-shadow:4px 4px 4px 4px rgb(206, 102,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7100, 24.8266, 31.7640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 102, 150) }
```

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

```
.background{ background-color: rgb(206,  
102, 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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