

Converting Colors

XYZ(36.2980, 26.7634, 28.2590)

Have a look what the booklet for
XYZ(36.2980, 26.7634, 28.2590)
contains.

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Color

**XYZ(36.3340, 26.7768,
28.4527)**

Conversions

Conversions Part 1

Format	Color
Hex	CF708D
RGB	207, 112, 141
RGB Percent	81%, 44%, 55%
CMY	0.1882, 0.5608, 0.4471
CMYK	0.00, 0.46, 0.32, 0.19
HSL	342°, 50%, 63%
HSV	342°, 46%, 81%
XYZ	36.3340, 26.7768, 28.4527
YIQ	143.7110, 47.3110, 29.1590

Conversions

Conversions Part 2

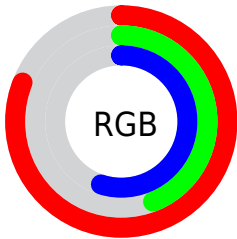
Format	Color
RYB	207, 112, 141
Decimal	13594765
CIELab	58.77, 40.61, 1.04
CIElCh	59, 40.620, 1.473
Yxy	26.7768, 0.3968, 0.2924
Android (android.graphics.Color)	4291784845 (0xFFCF708D)
YUV	143.7110, -1.3365, 55.5045
Hunter-Lab	51.7463, 34.7789, 3.6218

Details

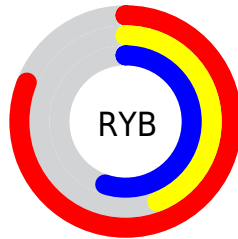
The XYZ color **36.3340, 26.7768, 28.4527** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **37.0321, 51.2854, 50.0695**, and the grayscale version is **26.3857, 27.7598, 30.2304**.

A 20% lighter version of the original color is **64.7265, 52.4726, 58.3465**, and **16.1347, 10.5768, 11.0887** is the 20% darker color. If you saturate the color by 10%, you get **33.3054, 22.3224, 22.5019**, and if you desaturate by 10%, it is **40.0280, 32.3394, 35.3114**.

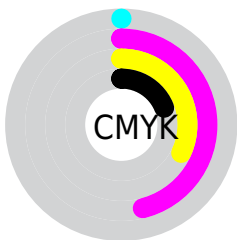
Distribution



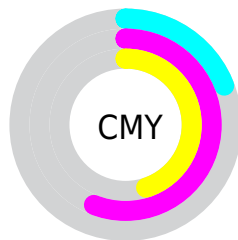
- Red (81%)
- Green (44%)
- Blue (55%)



- Red (81%)
- Yellow (44%)
- Blue (55%)



- Cyan (0%)
- Magenta (46%)
- Yellow (32%)
- Black (19%)





- Cyan (19%)
- Magenta (56%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.3340, 26.7768, 28.4527 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 36.3340, 26.7768, 28.4527 by changing the saturation by 10% instead.


 36.3340, 26.7768,
28.4527


 36.3340, 26.7768,
28.4527


321.8239,
286.5748, 308.6035

 24.8636, 17.4057,
18.4252


 68.8678, 54.5255,
58.2382


 16.1036, 10.5241,
11.0831


 90.6618, 73.6718,
78.8332

 9.6888, 5.7478,
6.0079


 116.6278, 96.8454,
103.7878

 5.2538, 2.6924,
2.7810

 147.1311,
124.4305, 133.5205

 2.4332, 0.9733,
0.9839

182.5369,
156.8116, 168.4499

 0.8617, 0.0000,
0.0000

223.2108,

 0.0000, 0.0000,

194.3731, 208.9945

0.0000

269.5180,
237.4994, 255.5729

■ 36.3340, 26.7768,
28.4527

■ 36.3340, 26.7768,
28.4527

■ 33.3054, 22.3224,
22.5019

■ 40.0280, 32.3394,
35.3114

■ 30.8983, 18.8970,
17.4175

■ 44.4233, 39.0743,
43.1141

■ 29.0665, 16.4177,
13.1564


■ 49.5557, 47.0452,
51.8965


■ 27.7563, 14.7861,
9.6709


■ 55.4578, 56.3103,
61.6919


■ 26.9015, 13.8809,
6.9066

■ 62.1604, 66.9238,
72.5320

 26.6345, 13.6263,
5.9557

 69.6923, 78.9371,
84.4473

 77.4701, 91.1766,
97.2630

 79.5422, 92.0054,
108.1742

Harmonies

Analogous

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



34.8766, 26.7768, 44.3980



36.3340, 26.7768, 28.4527



34.5723, 26.7768, 17.0034

Triad

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



36.3340, 26.7768, 28.4527



20.7495, 26.7768, 11.4003



21.1257, 26.7768, 60.6929

Complementary

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



36.3340, 26.7768, 28.4527



37.0321, 51.2854, 50.0695

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.



18.0935, 26.7768, 46.0420



36.3340, 26.7768, 28.4527



17.8971, 26.7768, 17.8743

Square

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



36.3340, 26.7768, 28.4527



25.2040, 26.7768, 9.3710



16.9914, 26.7768, 29.8695



25.6987, 26.7768, 66.2976

Rectangle

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



36.3340, 26.7768, 28.4527



31.9278, 26.7768, 12.4724



16.9914, 26.7768, 29.8695



19.9145, 26.7768, 56.4687

Sweetspot

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



36.3347, 26.7781, 28.4532



80.9604, 77.8039, 85.7584



35.1702, 25.4322, 62.0868



16.9123, 16.0022, 17.6556



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.



36.3347, 26.7781, 28.4532



53.4759, 35.9180, 36.2631



36.5630, 30.2472, 19.2421



11.9552, 11.8668, 13.0398



16.8181, 8.6001, 3.9485



0.9757, 0.4950, 0.4067

Inverse Universe

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



36.3347, 26.7781, 28.4532



53.4759, 35.9180, 36.2631



36.2689, 44.5973, 65.7282



11.9552, 11.8668, 13.0398



16.8181, 8.6001, 3.9485



0.9757, 0.4950, 0.4067

Previews

White Background



This preview shows how the XYZ color 36.3340, 26.7768, 28.4527 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 36.3340, 26.7768, 28.4527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

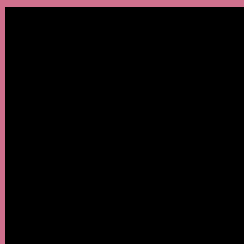
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.3340, 26.7768, 28.4527

Background



This preview shows how black text looks on a background with the XYZ color 36.3340, 26.7768, 28.4527.



This preview shows how white text looks on a background with the XYZ color 36.3340, 26.7768,

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

36.3340, 26.7768, 28.4527

Protanopia

26.5116, 27.0938, 36.1801

Deuteranopia

27.3656, 26.8656, 27.4102



Tritanopia

34.9457, 26.6958, 22.3798

Trichromacy



Original Color

36.3340, 26.7768, 28.4527

Protanomaly

28.9600, 26.1248, 33.2220

Deuteranomaly

29.9858, 26.3873, 27.5576

Tritanomaly

35.5002, 26.7681, 24.4148

Monochromacy



Original Color

36.3340, 26.7768, 28.4527

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

29.1455, 26.7012, 29.6043

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.3340, 26.7768, 28.4527 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(207, 112, 141)` looks like.

```
.text, #text, p{  
    color:rgb(207, 112, 141)  
}
```

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(207, 112, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 112, 141) }
```

Border

The CSS property to change the border of an element to XYZ 36.3340, 26.7768, 28.4527 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(207, 112, 141) }
```


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

```
.border{ border-color:rgb(207, 112, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 112, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 112, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 112, 141);  
box-shadow:4px 4px 4px 4px rgb(207, 112,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 36.3340, 26.7768, 28.4527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 112, 141) }
```

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

```
.background{ background-color: rgb(207,  
112, 141) }
```

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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