

Converting Colors

XYZ(42.0263, 36.7587, 34.8390)

Have a look what the booklet for
XYZ(42.0263, 36.7587, 34.8390)
contains.

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Color

**XYZ(42.0718, 36.7451,
35.0121)**

Conversions

Conversions Part 1

Format	Color
Hex	CF9499
RGB	207, 148, 153
RGB Percent	81%, 58%, 60%
CMY	0.1882, 0.4196, 0.4000
CMYK	0.00, 0.29, 0.26, 0.19
HSL	355°, 38%, 70%
HSV	355°, 29%, 81%
XYZ	42.0718, 36.7451, 35.0121
YIQ	166.2110, 33.5590, 14.0630

Conversions

Conversions Part 2

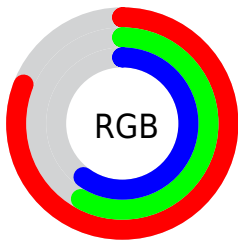
Format	Color
R_{YB}	207, 148, 153
Decimal	13603993
CIE _{Lab}	67.09, 22.93, 6.23
CIE _{LCh}	67, 23.760, 15.203
Yxy	36.7451, 0.3696, 0.3228
Android (android.graphics.Color)	4291794073 (0xFFCF9499)
YUV	166.2110, -6.5130, 35.7720
Hunter-Lab	60.6177, 17.8071, 8.1872

Details

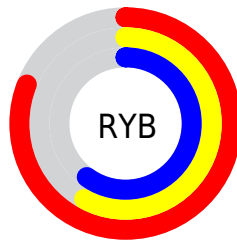
The XYZ color **42.0718, 36.7451, 35.0121** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.1878, 55.1867, 64.1503**, and the grayscale version is **36.3675, 38.2615, 41.6668**.

A 20% lighter version of the original color is **73.6230, 68.0061, 68.2776**, and **19.4355, 16.0880, 14.6513** is the 20% darker color. If you saturate the color by 10%, you get **37.6679, 30.2459, 26.4267**, and if you desaturate by 10%, it is **47.3068, 44.5084, 45.1013**.

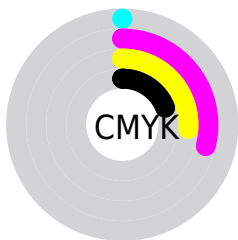
Distribution



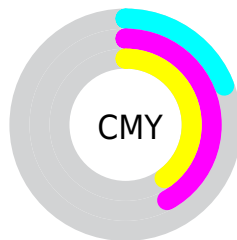
- Red (81%)
- Green (58%)
- Blue (60%)



- Red (81%)
- Yellow (58%)
- Blue (60%)



- Cyan (0%)
- Magenta (29%)
- Yellow (26%)
- Black (19%)





- Cyan (19%)
- Magenta (42%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.0718, 36.7451, 35.0121 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 42.0718, 36.7451, 35.0121 by changing the saturation by 10% instead.

 42.0718, 36.7451,
35.0121


 42.0718, 36.7451,
35.0121


345.7671,
332.2056, 339.5276

 29.3489, 25.0102,
23.3886


 77.5728, 70.1806,
68.6563

 19.4905, 16.0847,
14.6727

 101.0815, 92.6499,
91.5140

 12.1313, 9.5841,
8.4459


128.9162,
119.4662, 118.9536

 6.9060, 5.1241,
4.2898

161.4423,
151.0139, 151.3935

 3.4492, 2.3202,
1.7856

199.0251,
187.6772, 189.2524

 1.3955, 0.7844,
0.4184

242.0299,

 0.2530, 0.0000,

229.8407, 232.9486

0.0000

290.8221,
277.8887, 282.9009

■ 0.0000, 0.0000,
0.0000

■ 42.0718, 36.7451,
35.0121

■ 42.0718, 36.7451,
35.0121

■ 37.6679, 30.2459,
26.4267

■ 47.3068, 44.5084,
45.1013

■ 34.0495, 24.9389,
19.2710

■ 53.4096, 53.5922,
56.7591

■ 31.1711, 20.7534,
13.4679

■ 60.4180, 64.0559,
70.0495

■ 28.9814, 17.6085,
8.9319

■ 68.3671, 75.9537,
85.0319

■ 27.4223, 15.4129,
5.5682

■ 77.2899, 89.3369,
101.7629

■ 26.4264, 14.0593,
3.2682

■ 79.5422, 92.0054,
108.1742

■ 25.8955, 13.3847,
1.8980

■ 25.8376, 13.3076,
1.7591

Harmonies

Analogous

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



42.0863, 36.7451, 45.3118



42.0718, 36.7451, 35.0121



40.0555, 36.7451, 27.4796

Triad

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



42.0718, 36.7451, 35.0121



30.2209, 36.7451, 27.5575



33.1797, 36.7451, 62.5088

Complementary

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



42.0718, 36.7451, 35.0121



45.1878, 55.1867, 64.1503

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.



30.2527, 36.7451, 55.8642



42.0718, 36.7451, 35.0121



28.6262, 36.7451, 35.1372

Square

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



42.0718, 36.7451, 35.0121



33.1337, 36.7451, 23.7087



28.6374, 36.7451, 45.4604



36.7800, 36.7451, 62.4595

Rectangle

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



42.0718, 36.7451, 35.0121



37.9224, 36.7451, 24.5211



28.6374, 36.7451, 45.4604



32.0901, 36.7451, 60.9396

Sweetspot

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



42.0728, 36.7468, 35.0128



84.9610, 84.9415, 89.7544



45.9678, 38.1179, 63.9664



17.8605, 17.6971, 18.5926



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.



42.0728, 36.7468, 35.0128



63.0992, 52.4966, 47.6960



45.7550, 44.7580, 34.2467



11.8488, 11.8243, 12.4796



16.2934, 8.3902, 1.1852



0.9254, 0.4749, 0.1421

Inverse Universe

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



42.0728, 36.7468, 35.0128



63.0992, 52.4966, 47.6960



40.4928, 44.8346, 65.5514



11.8488, 11.8243, 12.4796



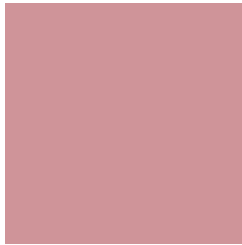
16.2934, 8.3902, 1.1852



0.9254, 0.4749, 0.1421

Previews

White Background



This preview shows how the XYZ color 42.0718, 36.7451, 35.0121 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 42.0718, 36.7451, 35.0121 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 ✓ Pass

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

XYZ 42.0718, 36.7451, 35.0121

Background



This preview shows how black text looks on a background with the XYZ color 42.0718, 36.7451, 35.0121.



This preview shows how white text looks on a background with the XYZ color 42.0718, 36.7451,

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

42.0718, 36.7451, 35.0121

Protanopia

35.4666, 36.9831, 38.9874

Deuteranopia

37.5799, 36.8784, 34.4157



Tritanopia

42.6177, 36.7460, 37.1942

Trichromacy



Original Color

42.0718, 36.7451, 35.0121

Protanomaly

37.6898, 36.8674, 37.4774

Deuteranomaly

38.9613, 36.5847, 34.7138

Tritanomaly

42.4469, 36.6776, 36.2948

Monochromacy



Original Color

42.0718, 36.7451, 35.0121

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

37.8872, 37.1932, 38.9004

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0718, 36.7451, 35.0121 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, 148, 153)` looks like.

```
.text, #text, p{  
    color:rgb(207, 148, 153)  
}
```

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, 148, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 148, 153) }
```

Border

The CSS property to change the border of an element to XYZ 42.0718, 36.7451, 35.0121 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, 148, 153) }
```


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

```
.border{ border-color:rgb(207, 148, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 148, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 148, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 148, 153);  
box-shadow:4px 4px 4px 4px rgb(207, 148,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0718, 36.7451, 35.0121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 148, 153) }
```

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

```
.background{ background-color: rgb(207,  
148, 153) }
```

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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