

Converting Colors

XYZ(36.8263, 28.9721, 35.1875)

Have a look what the booklet for
XYZ(36.8263, 28.9721, 35.1875)
contains.

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Color

**XYZ(36.7616, 28.9577,
35.1043)**

Conversions

Conversions Part 1

Format	Color
Hex	C77C9C
RGB	199, 124, 156
RGB Percent	78%, 49%, 61%
CMY	0.2196, 0.5137, 0.3882
CMYK	0.00, 0.38, 0.22, 0.22
HSL	334°, 40%, 63%
HSV	334°, 38%, 78%
XYZ	36.7616, 28.9577, 35.1043
YIQ	150.0730, 34.4280, 25.8520

Conversions

Conversions Part 2

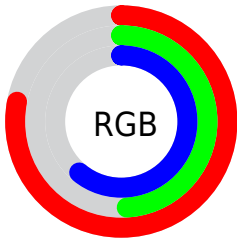
Format	Color
R _Y B	199, 124, 156
Decimal	13073564
CIE Lab	60.74, 33.50, -4.82
CIE LCh	61, 33.848, 351.810
Yxy	28.9577, 0.3646, 0.2872
Android (android.graphics.Color)	4291263644 (0xFFC77C9C)
YUV	150.0730, 2.9220, 42.9090
Hunter-Lab	53.8124, 27.7696, -1.0090

Details

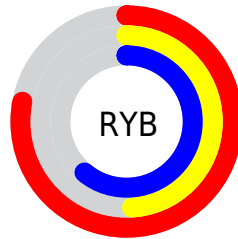
The XYZ color **36.7616, 28.9577, 35.1043** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **35.7120, 47.9228, 43.9294**, and the grayscale version is **28.9989, 30.5091, 33.2244**.

A 20% lighter version of the original color is **68.7933, 57.7539, 68.4946**, and **16.2600, 11.6246, 14.7514** is the 20% darker color. If you saturate the color by 10%, you get **33.5935, 24.0957, 29.5033**, and if you desaturate by 10%, it is **40.5253, 34.8652, 41.3523**.

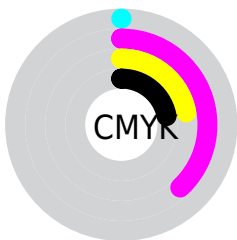
Distribution



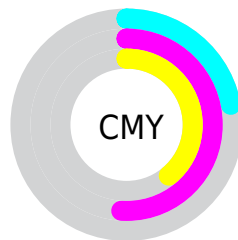
- Red (78%)
- Green (49%)
- Blue (61%)



- Red (78%)
- Yellow (49%)
- Blue (61%)



- Cyan (0%)
- Magenta (38%)
- Yellow (22%)
- Black (22%)





- Cyan (22%)
- Magenta (51%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.7616, 28.9577, 35.1043 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 36.7616, 28.9577, 35.1043 by changing the saturation by 10% instead.

 36.7616, 28.9577,
35.1043


 36.7616, 28.9577,
35.1043


323.6507,
297.0153, 339.9467


 25.1958, 19.0488,
23.4590


 69.5222, 58.0099,
68.8007

 16.3525, 11.7056,
14.7243

 91.4477, 77.9220,
91.6889

 9.8664, 6.5435,
8.4817


 117.5571,
101.9372, 119.1619

 5.3720, 3.1783,
4.3125

148.2158,
130.4401, 151.6382

 2.5041, 1.2255,
1.7983

183.7892,
163.8149, 189.5362

 0.8973, 0.0824,
0.4268

224.6425,

 0.0000, 0.0000,

202.4462, 233.2746

0.0000

271.1413,
246.7182, 283.2719

■ 36.7616, 28.9577,
35.1043

■ 36.7616, 28.9577,
35.1043

■ 33.5935, 24.0957,
29.5033

■ 40.5253, 34.8652,
41.3523

■ 30.9857, 20.2131,
24.5242

■ 44.9125, 41.8708,
48.2676

■ 28.9026, 17.2429,
20.1428


■ 49.9522, 50.0286,
55.8712


■ 27.3033, 15.1075,
16.3320


■ 55.6707, 59.3878,
64.1832


■ 26.1403, 13.7164,
13.0618


■ 62.0929, 69.9946,
73.2222


 25.3458, 12.9391,
10.2947

 69.2425, 81.8931,
83.0065

 25.1891, 12.7965,
9.7160

 74.4349, 89.7108,
92.6512

 76.1452, 90.3949,
101.6577

 77.3633, 90.8822,
108.0723

Harmonies

Analogous

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



34.7122, 28.9577, 48.9811



36.7616, 28.9577, 35.1043



36.1363, 28.9577, 23.3676

Triad

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



36.7616, 28.9577, 35.1043



24.5023, 28.9577, 13.9781



22.6232, 28.9577, 54.6275

Complementary

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



36.7616, 28.9577, 35.1043



35.7120, 47.9228, 43.9294

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.



20.4009, 28.9577, 41.4011



36.7616, 28.9577, 35.1043



21.4027, 28.9577, 18.8111

Square

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



36.7616, 28.9577, 35.1043



28.7447, 28.9577, 13.1323



19.9792, 28.9577, 28.2070



26.3372, 28.9577, 62.0558

Rectangle

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



36.7616, 28.9577, 35.1043



34.3134, 28.9577, 17.9936



19.9792, 28.9577, 28.2070



21.6941, 28.9577, 50.5682

Sweetspot

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



36.7624, 28.9591, 35.1049



84.2632, 82.3979, 93.0604



33.3486, 26.7015, 57.4294



17.7731, 17.2110, 19.5237



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.



36.7624, 28.9591, 35.1049



59.8624, 43.7724, 53.5555



35.0426, 29.2993, 22.8788



10.8185, 10.7108, 12.0276



16.2390, 8.2452, 6.4684



0.8050, 0.4048, 0.4963

Inverse Universe

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



36.7624, 28.9591, 35.1049



59.8624, 43.7724, 53.5555



37.9138, 46.9930, 61.1055



10.8185, 10.7108, 12.0276



16.2390, 8.2452, 6.4684



0.8050, 0.4048, 0.4963

Previews

White Background



This preview shows how the XYZ color 36.7616, 28.9577, 35.1043 looks on a white background.

Color Contrast Check

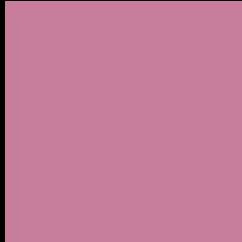
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.7616, 28.9577, 35.1043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

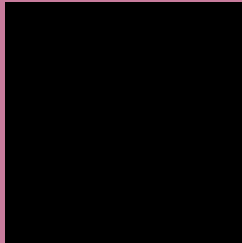
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.7616, 28.9577, 35.1043

Background



This preview shows how black text looks on a background with the XYZ color 36.7616, 28.9577, 35.1043.



This preview shows how white text looks on a background with the XYZ color 36.7616, 28.9577,

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

36.7616, 28.9577, 35.1043

Protanopia

28.8623, 29.2997, 42.1644

Deuteranopia

29.7208, 29.0168, 34.1713



Tritanopia

35.1307, 28.8552, 27.3849

Trichromacy



Original Color

36.7616, 28.9577, 35.1043

Protanomaly

30.9843, 28.6801, 39.5001

Deuteranomaly

31.9523, 28.6597, 34.4197

Tritanomaly

35.7836, 28.9411, 30.0857

Monochromacy



Original Color

36.7616, 28.9577, 35.1043

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

31.3408, 29.6416, 33.7753

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.7616, 28.9577, 35.1043 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(199, 124, 156)` looks like.

```
.text, #text, p{  
    color:rgb(199, 124, 156)  
}
```

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(199, 124, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 124, 156) }
```

Border

The CSS property to change the border of an element to XYZ 36.7616, 28.9577, 35.1043 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(199, 124, 156) }
```


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

```
.border{ border-color:rgb(199, 124, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 124, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 124, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 124, 156);  
box-shadow:4px 4px 4px 4px rgb(199, 124,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 36.7616, 28.9577, 35.1043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 124, 156) }
```

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

```
.background{ background-color: rgb(199,  
124, 156) }
```

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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