

Converting Colors

XYZ(36.5365, 27.0277, 34.6715)

Have a look what the booklet for
XYZ(36.5365, 27.0277, 34.6715)
contains.

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Color

**XYZ(36.6467, 27.1314,
34.7579)**

Conversions

Conversions Part 1

Format	Color
Hex	CB729C
RGB	203, 114, 156
RGB Percent	80%, 45%, 61%
CMY	0.2039, 0.5529, 0.3882
CMYK	0.00, 0.44, 0.23, 0.20
HSL	332°, 46%, 62%
HSV	332°, 44%, 80%
XYZ	36.6467, 27.1314, 34.7579
YIQ	145.3990, 39.5620, 31.9300

Conversions

Conversions Part 2

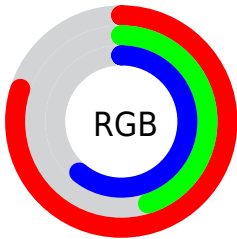
Format	Color
R _Y B	203, 114, 156
Decimal	13333148
CIE Lab	59.10, 40.23, -7.21
CIE LCh	59, 40.870, 349.837
Yxy	27.1314, 0.3719, 0.2753
Android (android.graphics.Color)	4291523228 (0xFFFCB729C)
YUV	145.3990, 5.2263, 50.5161
Hunter-Lab	52.0878, 34.4311, -3.1024

Details

The XYZ color **36.6467, 27.1314, 34.7579** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **34.7296, 48.8633, 41.3216**, and the grayscale version is **27.0448, 28.4532, 30.9856**.

A 20% lighter version of the original color is **66.8755, 53.9184, 67.8553**, and **16.3599, 10.7780, 14.5827** is the 20% darker color. If you saturate the color by 10%, you get **33.7378, 22.7026, 29.5053**, and if you desaturate by 10%, it is **40.1454, 32.6110, 40.6031**.

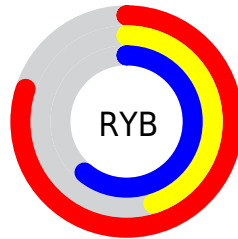
Distribution



Red (80%)

Green (45%)

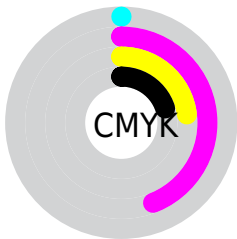
Blue (61%)



Red (80%)

Yellow (45%)

Blue (61%)

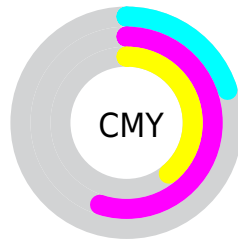


Cyan (0%)

Magenta (44%)

Yellow (23%)

Black (20%)



Cyan (20%)


Magenta (55%)

Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.6467, 27.1314, 34.7579 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 36.6467, 27.1314, 34.7579 by changing the saturation by 10% instead.


 36.6467, 27.1314,
34.7579


 36.6467, 27.1314,
34.7579


323.1605,
288.2928, 338.3702


 25.1065, 17.6719,
23.1944


 69.3464, 55.0947,
68.2579

 16.2856, 10.7147,
14.5305


 91.2367, 74.3672,
91.0314

 9.8186, 5.8753,
8.3476

 117.3076, 97.6796,
118.3786

 5.3402, 2.7694,
4.2272

147.9246,
125.4162, 150.7182

 2.4850, 1.0126,
1.7508

183.4531,
157.9615, 188.4686

 0.8877, 0.0000,
0.3952

224.2583,

 0.0000, 0.0000,

195.6997, 232.0484

0.0000

270.7057,
239.0153, 281.8760

■ 36.6467, 27.1314,
34.7579

■ 36.6467, 27.1314,
34.7579

■ 33.7378, 22.7026,
29.5053

■ 40.1454, 32.6110,
40.6031

■ 31.3802, 19.2520,
24.8214

■ 44.2645, 39.2001,
47.0599

■ 29.5346, 16.7035,
20.6827


■ 49.0350, 46.9576,
54.1485


■ 28.1545, 14.9684,
17.0628


■ 54.4853, 55.9370,
61.8874


■ 27.1845, 13.9392,
13.9316


■ 60.6418, 66.1887,
70.2944

 26.7306, 13.5373,
12.2205

 67.5297, 77.7601,
79.3863

 74.8191, 89.9887,
89.0617

 76.3808, 90.6134,
97.2854

 78.0369, 91.2758,
106.0062

Harmonies

Analogous

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



33.9958, 27.1314, 51.5070



36.6467, 27.1314, 34.7579



36.1105, 27.1314, 21.0291

Triad

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



36.6467, 27.1314, 34.7579



22.6129, 27.1314, 10.2668



19.9866, 27.1314, 56.4917

Complementary

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



36.6467, 27.1314, 34.7579



34.7296, 48.8633, 41.3216

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.



17.6473, 27.1314, 40.0875



36.6467, 27.1314, 34.7579



19.0199, 27.1314, 14.9226

Square

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



36.6467, 27.1314, 34.7579



27.5499, 27.1314, 9.6751



17.3183, 27.1314, 24.8750



24.1021, 27.1314, 66.5187

Rectangle

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



36.6467, 27.1314, 34.7579



34.0389, 27.1314, 15.0003



17.3183, 27.1314, 24.8750



18.9907, 27.1314, 51.3300

Sweetspot

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



36.6475, 27.1327, 34.7584



82.6797, 79.5662, 91.4990



31.2919, 23.8198, 59.4487



17.2900, 16.3647, 18.9928



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.



36.6475, 27.1327, 34.7584



56.5509, 38.1019, 49.5156



33.8529, 26.2848, 19.2103



11.4290, 11.3003, 12.7937



17.0564, 8.6331, 8.0156



0.9182, 0.4607, 0.6149

Inverse Universe

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



36.6475, 27.1327, 34.7584



56.5509, 38.1019, 49.5156



38.7271, 49.9045, 64.0917



11.4290, 11.3003, 12.7937



17.0564, 8.6331, 8.0156



0.9182, 0.4607, 0.6149

Previews

White Background



This preview shows how the XYZ color 36.6467, 27.1314, 34.7579 looks on a white background.

Color Contrast Check

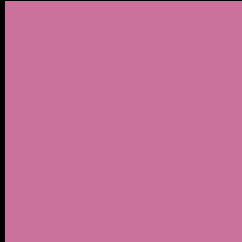
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.6467, 27.1314, 34.7579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

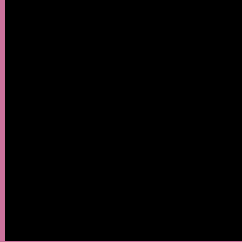
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.6467, 27.1314, 34.7579

Background



This preview shows how black text looks on a background with the XYZ color 36.6467, 27.1314, 34.7579.



This preview shows how white text looks on a background with the XYZ color 36.6467, 27.1314,

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

36.6467, 27.1314, 34.7579

Protanopia

27.1565, 27.2566, 43.8742

Deuteranopia

27.8490, 27.4076, 33.5282



Tritanopia

34.3125, 27.0315, 23.8312

Trichromacy



Original Color

36.6467, 27.1314, 34.7579

Protanomaly

29.5886, 26.4962, 40.1140

Deuteranomaly

30.5270, 26.9231, 33.7247

Tritanomaly

35.0361, 26.9751, 27.4049

Monochromacy



Original Color

36.6467, 27.1314, 34.7579

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

29.6758, 27.3271, 32.1443

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6467, 27.1314, 34.7579 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(203, 114, 156)` looks like.

```
.text, #text, p{  
    color:rgb(203, 114, 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(203, 114, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 114, 156) }
```

Border

The CSS property to change the border of an element to XYZ 36.6467, 27.1314, 34.7579 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(203, 114, 156) }
```


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

```
.border{ border-color:rgb(203, 114, 156) }
```

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

Here you see how a box with a 4 pixel rgb(203, 114, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 114, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 114, 156);  
box-shadow:4px 4px 4px 4px rgb(203, 114,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6467, 27.1314, 34.7579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 114, 156) }
```

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

```
.background{ background-color: rgb(203,  
114, 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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