

Converting Colors

XYZ(36.0727, 27.3831, 37.2673)

Have a look what the booklet for
XYZ(36.0727, 27.3831, 37.2673)
contains.

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Color

**XYZ(36.2002, 27.5358,
37.1252)**

Conversions

Conversions Part 1

Format	Color
Hex	C676A1
RGB	198, 118, 161
RGB Percent	78%, 46%, 63%
CMY	0.2235, 0.5372, 0.3686
CMYK	0.00, 0.40, 0.19, 0.22
HSL	328°, 41%, 62%
HSV	328°, 40%, 78%
XYZ	36.2002, 27.5358, 37.1252
YIQ	146.8220, 33.8770, 30.3330

Conversions

Conversions Part 2

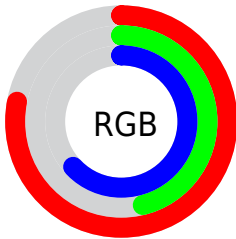
Format	Color
R_{YB}	198, 118, 161
Decimal	13006497
CIE _{Lab}	59.47, 37.14, -9.61
CIE _{LCh}	59, 38.366, 345.499
Yxy	27.5358, 0.3589, 0.2730
Android (android.graphics.Color)	4291196577 (0xFFC676A1)
YUV	146.8220, 6.9898, 44.8831
Hunter-Lab	52.4746, 31.3098, -5.2149

Details

The XYZ color **36.2002, 27.5358, 37.1252** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **33.5829, 46.6072, 38.2386**, and the grayscale version is **27.6226, 29.0611, 31.6476**.

A 20% lighter version of the original color is **68.3872, 55.7229, 72.1169**, and **15.9228, 10.8692, 15.7267** is the 20% darker color. If you saturate the color by 10%, you get **33.3304, 23.0414, 32.3290**, and if you desaturate by 10%, it is **39.6202, 33.0352, 42.3972**.

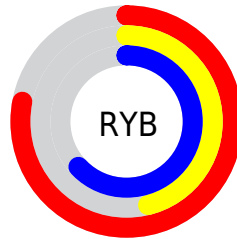
Distribution



Red (78%)

Green (46%)

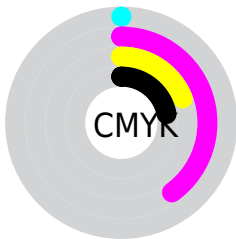
Blue (63%)



Red (78%)

Yellow (46%)

Blue (63%)

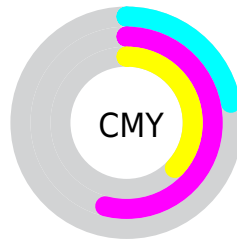


Cyan (0%)

Magenta (40%)

Yellow (19%)

Black (22%)



Cyan (22%)


Magenta (54%)


Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.2002, 27.5358, 37.1252 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 36.2002, 27.5358, 37.1252 by changing the saturation by 10% instead.


 36.2002, 27.5358,
37.1252


 36.2002, 27.5358,
37.1252


321.2507,
290.2421, 349.0373


 24.7597, 17.9760,
25.0079


 68.6628, 55.7425,
71.9538

 16.0259, 10.9328,
15.8639


 90.4156, 75.1582,
95.5021

 9.6334, 6.0217,
9.2746

 116.3365, 98.6279,
123.6979

 5.2170, 2.8583,
4.8214

146.7910,
126.5362, 156.9597

 2.4112, 1.0582,
2.0860

182.1443,
159.2674, 195.7060

 0.8507, 0.0000,
0.6074

222.7617,

 0.0000, 0.0000,

197.2058, 240.3553

0.0000

269.0088,
240.7359, 291.3262

■ 36.2002, 27.5358,
37.1252

■ 36.2002, 27.5358,
37.1252

■ 33.3304, 23.0414,
32.3290

■ 39.6202, 33.0352,
42.3972

■ 30.9762, 19.4860,
27.9901

■ 43.6173, 39.5925,
48.1592

■ 29.1028, 16.8014,
24.0907


■ 48.2196, 47.2617,
54.4267


■ 27.6695, 14.9087,
20.6106

■ 53.4525, 56.0919,
61.2138


■ 26.6285, 13.7144,
17.5270


■ 59.3400, 66.1290,
68.5341

 25.9124, 13.0553,
14.9049

 65.9048, 77.4168,
76.4004

 72.6541, 88.9680,
84.6538

 73.9383, 89.4816,
91.4163

 75.2905, 90.0225,
98.5371

Harmonies

Analogous

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



33.3481, 27.5358, 52.6781



36.2002, 27.5358, 37.1252



36.1484, 27.5358, 23.4385

Triad

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



36.2002, 27.5358, 37.1252



23.7745, 27.5358, 10.9987



20.2028, 27.5358, 53.1550

Complementary

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



36.2002, 27.5358, 37.1252



33.5829, 46.6072, 38.2386

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.



18.2240, 27.5358, 37.6419



36.2002, 27.5358, 37.1252



20.1070, 27.5358, 14.9696

Square

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



36.2002, 27.5358, 37.1252



28.5600, 27.5358, 10.9376



18.1912, 27.5358, 23.8191



23.9209, 27.5358, 63.6858

Rectangle

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



36.2002, 27.5358, 37.1252



34.4583, 27.5358, 17.0676



18.1912, 27.5358, 23.8191



19.3334, 27.5358, 48.1699

Sweetspot

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



36.2010, 27.5371, 37.1258



83.8576, 81.1283, 94.3387



29.9991, 23.9056, 56.4597



17.7097, 16.9648, 19.8708



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.



36.2010, 27.5371, 37.1258



59.8106, 42.0208, 58.6189



33.2811, 26.3691, 21.7495



10.8682, 10.7307, 12.2892



16.8950, 8.5075, 9.9226



0.8363, 0.4174, 0.6610

Inverse Universe

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



36.2010, 27.5371, 37.1258



59.8106, 42.0208, 58.6189



37.4039, 48.1355, 58.3593



10.8682, 10.7307, 12.2892



16.8950, 8.5075, 9.9226



0.8363, 0.4174, 0.6610

Previews

White Background



This preview shows how the XYZ color 36.2002, 27.5358, 37.1252 looks on a white background.

Color Contrast Check

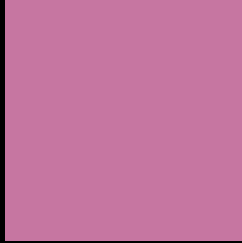
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.2002, 27.5358, 37.1252 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 36.2002, 27.5358, 37.1252

Background



This preview shows how black text looks on a background with the XYZ color 36.2002, 27.5358, 37.1252.



This preview shows how white text looks on a background with the XYZ color 36.2002, 27.5358,

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

36.2002, 27.5358, 37.1252

Protanopia

27.7622, 27.7546, 45.4889

Deuteranopia

28.2264, 27.7698, 35.7707



Tritanopia

33.8223, 27.4615, 25.7083

Trichromacy



Original Color

36.2002, 27.5358, 37.1252

Protanomaly

30.0363, 27.0863, 42.1732

Deuteranomaly

30.5713, 27.2960, 36.0051

Tritanomaly

34.5602, 27.3937, 29.4526

Monochromacy



Original Color

36.2002, 27.5358, 37.1252

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

30.1975, 27.9823, 33.5153

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.2002, 27.5358, 37.1252 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(198, 118, 161)` looks like.

```
.text, #text, p{  
    color:rgb(198, 118, 161)  
}
```

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(198, 118, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 118, 161) }
```

Border

The CSS property to change the border of an element to XYZ 36.2002, 27.5358, 37.1252 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(198, 118, 161) }
```


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

```
.border{ border-color:rgb(198, 118, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 118, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 118, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 118, 161);  
box-shadow:4px 4px 4px 4px rgb(198, 118,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 36.2002, 27.5358, 37.1252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 118, 161) }
```

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

```
.background{ background-color: rgb(198,  
118, 161) }
```

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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