

Converting Colors

XYZ(36.4482, 27.0957, 57.2839)

Have a look what the booklet for
XYZ(36.4482, 27.0957, 57.2839)
contains.

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Color

**XYZ(36.4373, 27.0364,
57.3309)**

Conversions

Conversions Part 1

Format	Color
Hex	B875C7
RGB	184, 117, 199
RGB Percent	72%, 46%, 78%
CMY	0.2784, 0.5412, 0.2196
CMYK	0.08, 0.41, 0.00, 0.22
HSL	289°, 42%, 62%
HSV	289°, 41%, 78%
XYZ	36.4373, 27.0364, 57.3309
YIQ	146.3810, 13.6100, 39.7060

Conversions

Conversions Part 2

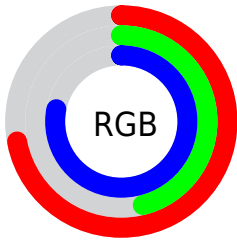
Format	Color
RYB	184, 117, 199
Decimal	12088775
CIELab	59.01, 39.91, -32.18
CIELCh	59, 51.267, 321.125
Yxy	27.0364, 0.3016, 0.2238
Android (android.graphics.Color)	4290278855 (0xFFB875C7)
YUV	146.3810, 25.9412, 32.9919
Hunter-Lab	51.9965, 34.0924, -28.9750

Details

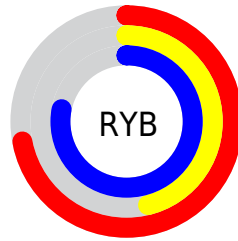
The XYZ color **36.4373, 27.0364, 57.3309** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **33.1507, 47.0373, 24.1626**, and the grayscale version is **27.3716, 28.7970, 31.3600**.

A 20% lighter version of the original color is **68.7004, 54.6702, 101.5392**, and **16.1123, 10.6079, 27.9864** is the 20% darker color. If you saturate the color by 10%, you get **33.4999, 22.4389, 56.5987**, and if you desaturate by 10%, it is **39.8918, 32.6334, 58.2296**.

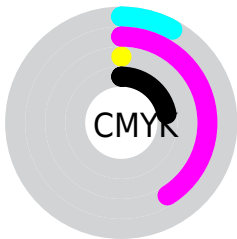
Distribution



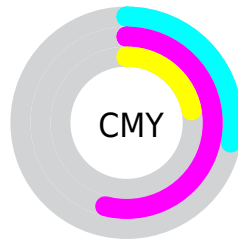
- Red (72%)
- Green (46%)
- Blue (78%)



- Red (72%)
- Yellow (46%)
- Blue (78%)



- Cyan (8%)
- Magenta (41%)
- Yellow (0%)
- Black (22%)



- Cyan (28%)
- Magenta (54%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.4373, 27.0364, 57.3309 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 36.4373, 27.0364, 57.3309 by changing the saturation by 10% instead.


 36.4373, 27.0364,
57.3309


 36.4373, 27.0364,
57.3309


322.2659,
287.8333, 432.2165

 24.9438, 17.6006,
40.8598


 69.0260, 54.9423,
102.4530

 16.1637, 10.6636,
27.8907


 90.8518, 74.1811,
131.9411

 9.7316, 5.8411,
18.0050


 116.8525, 97.4564,
166.6053

 5.2823, 2.7487,
10.7841

147.3934,
125.1525, 206.8641

 2.4503, 1.0020,
5.8095

182.8398,
157.6539, 253.1361

 0.8703, 0.0000,
2.6627

223.5571,

 0.0000, 0.0000,

195.3448, 305.8398

0.9246

269.9107,
238.6099, 365.3937

■ 0.0000, 0.0000,
0.0000

■ 36.4373, 27.0364,
57.3309

■ 36.4373, 27.0364,
57.3309

■ 33.4999, 22.4389,
56.5987

■ 39.8918, 32.6334,
58.2296

■ 31.0452, 18.7743,
56.0208

■ 43.8895, 39.2841,
59.3026

■ 29.0387, 15.9735,
55.5859

■ 48.4581, 47.0427,
60.5593

■ 27.4402, 13.9559,
55.2807

■ 53.6225, 55.9587,
62.0081

■ 26.2016, 12.6258,
55.0893

■ 59.4059, 66.0787,
63.6567

■ 25.3314, 11.8679,
54.9888

■ 65.8306, 77.4466,
65.5123

■ 72.5001, 89.2693,
67.4428

■ 73.5450, 89.8080,
67.4917

■ 74.6136, 90.3589,
67.5417

Harmonies

Analogous

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



30.3596, 27.0364, 75.6588



36.4373, 27.0364, 57.3309



39.7663, 27.0364, 35.1762

Triad

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



36.4373, 27.0364, 57.3309



27.6297, 27.0364, 6.6270



15.8980, 27.0364, 43.9442

Complementary

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



36.4373, 27.0364, 57.3309



33.1507, 47.0373, 24.1626

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.



15.4128, 27.0364, 24.3605



36.4373, 27.0364, 57.3309



21.5386, 27.0364, 7.3687

Square

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



36.4373, 27.0364, 57.3309



34.1584, 27.0364, 9.7288



17.3069, 27.0364, 12.4788



18.7633, 27.0364, 65.9705

Rectangle

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



36.4373, 27.0364, 57.3309



39.6548, 27.0364, 23.1864



17.3069, 27.0364, 12.4788



15.4721, 27.0364, 36.7231

Sweetspot

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



36.4382, 27.0376, 57.3315



84.0239, 80.9604, 105.8061



25.9017, 24.4181, 57.3812



17.7479, 16.9245, 22.5813



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.



36.4382, 27.0376, 57.3315



59.3649, 40.3786, 99.2727



37.4613, 27.8841, 42.9606



10.8855, 10.7148, 13.4119



16.3567, 7.6664, 35.3620



0.8254, 0.3892, 1.6768

Inverse Universe

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



34.0801, 26.5316, 25.1555



54.9712, 39.5354, 34.8299



32.7158, 46.6115, 33.2470



10.7118, 10.6681, 11.4656



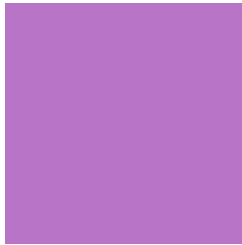
15.3777, 7.9006, 1.9329



0.7529, 0.3840, 0.2220

Previews

White Background



This preview shows how the XYZ color 36.4373, 27.0364, 57.3309 looks on a white background.

Color Contrast Check

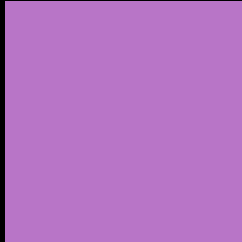
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.4373, 27.0364, 57.3309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

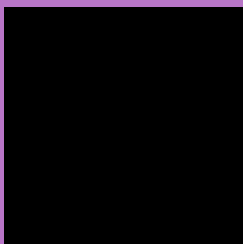
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.4373, 27.0364, 57.3309

Background



This preview shows how black text looks on a background with the XYZ color 36.4373, 27.0364, 57.3309.



This preview shows how white text looks on a background with the XYZ color 36.4373, 27.0364,

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

36.4373, 27.0364, 57.3309

Protanopia

29.1032, 27.4630, 70.0966

Deuteranopia

27.8326, 27.1319, 55.3998



Tritanopia

30.6208, 27.0888, 28.4257

Trichromacy



Original Color

36.4373, 27.0364, 57.3309

Protanomaly

30.8244, 26.7811, 65.1727

Deuteranomaly

30.2477, 26.6911, 55.7822

Tritanomaly

32.3570, 26.8241, 37.1904

Monochromacy



Original Color

36.4373, 27.0364, 57.3309

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

29.9527, 27.5181, 39.3302

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4373, 27.0364, 57.3309 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(184, 117, 199)` looks like.

```
.text, #text, p{  
    color:rgb(184, 117, 199)  
}
```

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(184, 117, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 117, 199) }
```

Border

The CSS property to change the border of an element to XYZ 36.4373, 27.0364, 57.3309 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(184, 117, 199) }
```


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

```
.border{ border-color:rgb(184, 117, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 117, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 117, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 117, 199);  
box-shadow:4px 4px 4px 4px rgb(184, 117,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4373, 27.0364, 57.3309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 117, 199) }
```

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

```
.background{ background-color: rgb(184,  
117, 199) }
```

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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