

Converting Colors

XYZ(36.6606, 30.3008, 57.2700)

Have a look what the booklet for
XYZ(36.6606, 30.3008, 57.2700)
contains.

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Color

**XYZ(36.6226, 30.3575,
57.3554)**

Conversions

Conversions Part 1

Format	Color
Hex	B086C6
RGB	176, 134, 198
RGB Percent	69%, 53%, 78%
CMY	0.3098, 0.4745, 0.2235
CMYK	0.11, 0.32, 0.00, 0.22
HSL	279°, 36%, 65%
HSV	279°, 32%, 78%
XYZ	36.6226, 30.3575, 57.3554
YIQ	153.8540, 4.4880, 28.8080

Conversions

Conversions Part 2

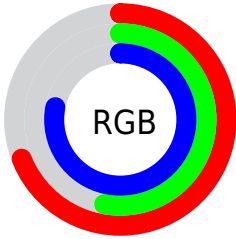
Format	Color
R _Y B	176, 134, 198
Decimal	11568838
CIE Lab	61.96, 27.80, -27.11
CIE LCh	62, 38.825, 315.719
Yxy	30.3575, 0.2945, 0.2442
Android (android.graphics.Color)	4289758918 (0xFFB086C6)
YUV	153.8540, 21.7640, 19.4220
Hunter-Lab	55.0976, 22.2255, -23.1512

Details

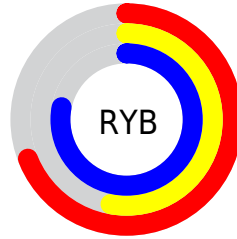
The XYZ color **36.6226, 30.3575, 57.3554** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **38.2084, 49.1780, 30.0341**, and the grayscale version is **30.5583, 32.1497, 35.0110**.

A 20% lighter version of the original color is **69.3119, 60.3422, 102.6018**, and **16.3727, 12.5652, 27.9479** is the 20% darker color. If you saturate the color by 10%, you get **32.6376, 24.6145, 56.4574**, and if you desaturate by 10%, it is **41.1992, 37.1675, 58.4291**.

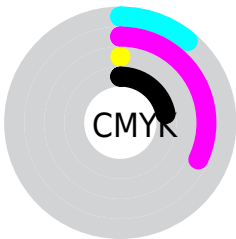
Distribution



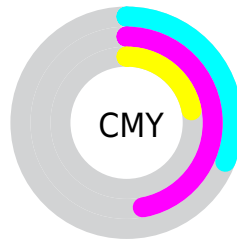
- Red (69%)
- Green (53%)
- Blue (78%)



- Red (69%)
- Yellow (53%)
- Blue (78%)



- Cyan (11%)
- Magenta (32%)
- Yellow (0%)
- Black (22%)





- Cyan (31%)
- Magenta (47%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.6226, 30.3575, 57.3554 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 36.6226, 30.3575, 57.3554 by changing the saturation by 10% instead.


 36.6226, 30.3575,
57.3554


 36.6226, 30.3575,
57.3554


323.0577,
303.5673, 432.3107


 25.0878, 20.1101,
40.8794


 69.3096, 60.2271,
102.4891

 16.2715, 12.4751,
27.9059


 91.1924, 80.6181,
131.9838

 9.8086, 7.0681,
18.0163


 117.2553,
105.1590, 166.6552

 5.3335, 3.5047,
10.7921

147.8635,
134.2343, 206.9217

 2.4810, 1.4006,
5.8148

183.3826,
168.2284, 253.2020

 0.8857, 0.2171,
2.6658

224.1777,

 0.0000, 0.0000,

207.5257, 305.9146

0.9262

270.6143,
252.5105, 365.4780

■ 0.0000, 0.0000,
0.0000

■ 36.6226, 30.3575,
57.3554

■ 36.6226, 30.3575,
57.3554

■ 32.6376, 24.6145,
56.4574

■ 41.1992, 37.1675,
58.4291

■ 29.2113, 19.8768,
55.7235

■ 46.3917, 45.0941,
59.6854

■ 26.3121, 16.0821,
55.1439

■ 52.2270, 54.1883,
61.1332


■ 23.9036, 13.1595,
54.7067

■ 58.7292, 64.4969,
62.7803


■ 21.9444, 11.0276,
54.3985


■ 65.9210, 76.0639,
64.6339


 20.3849, 9.5892,
54.2030

 73.8242, 88.9314,
66.7010

 19.3895, 8.8181,
54.1066

 76.5839, 91.3880,
67.0298

 78.7316, 92.4952,
67.1303

 80.9646, 93.6463,
67.2348

Harmonies

Analogous

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



31.6492, 30.3575, 69.0019



36.6226, 30.3575, 57.3554



39.6717, 30.3575, 40.6348

Triad

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



36.6226, 30.3575, 57.3554



31.3919, 30.3575, 12.3416



20.2578, 30.3575, 41.4373

Complementary

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



36.6226, 30.3575, 57.3554



38.2084, 49.1780, 30.0341

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.



20.2065, 30.3575, 26.4803



36.6226, 30.3575, 57.3554



26.2282, 30.3575, 12.4383

Square

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



36.6226, 30.3575, 57.3554



36.4148, 30.3575, 16.4963



22.2697, 30.3575, 16.8184



22.4195, 30.3575, 58.0930

Rectangle

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



36.6226, 30.3575, 57.3554



39.9931, 30.3575, 30.2811



22.2697, 30.3575, 16.8184



20.0027, 30.3575, 35.9916

Sweetspot

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



36.6236, 30.3588, 57.3561



84.2961, 83.1710, 106.2185



31.9814, 33.0582, 58.1218



17.7399, 17.3331, 22.6606



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.



36.6236, 30.3588, 57.3561



59.6252, 46.1891, 100.3805



40.9349, 32.7053, 51.9593



10.7154, 10.6271, 13.4040



12.7042, 5.7835, 35.1911



0.6771, 0.3128, 1.6698

Inverse Universe

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



37.8155, 31.4575, 35.5326



62.3185, 48.5924, 54.6589



35.0301, 47.4586, 33.5410



10.7818, 10.6961, 11.8345



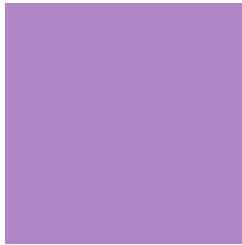
15.8615, 8.0942, 4.4806



0.7852, 0.3969, 0.3918

Previews

White Background



This preview shows how the XYZ color 36.6226, 30.3575, 57.3554 looks on a white background.

Color Contrast Check

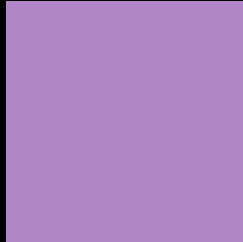
Large Text (above 18pt) WCAG AA × Fail

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 36.6226, 30.3575, 57.3554 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 36.6226, 30.3575, 57.3554

Background



This preview shows how black text looks on a background with the XYZ color 36.6226, 30.3575, 57.3554.



This preview shows how white text looks on a background with the XYZ color 36.6226, 30.3575,

57.3554.

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

36.6226, 30.3575, 57.3554

Protanopia

31.6142, 30.6888, 64.5789

Deuteranopia

31.0993, 30.3830, 55.8552



Tritanopia

32.0174, 30.4130, 34.7547

Trichromacy



Original Color

36.6226, 30.3575, 57.3554

Protanomaly

33.0546, 30.3486, 61.8733

Deuteranomaly

32.7737, 30.1038, 56.3078

Tritanomaly

33.6470, 30.4291, 42.1302

Monochromacy



Original Color

36.6226, 30.3575, 57.3554

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

32.5897, 31.4511, 42.3832

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6226, 30.3575, 57.3554 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(176, 134, 198)` looks like.

```
.text, #text, p{  
    color:rgb(176, 134, 198)  
}
```

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(176, 134, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 134, 198) }
```

Border

The CSS property to change the border of an element to XYZ 36.6226, 30.3575, 57.3554 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(176, 134, 198) }
```


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

```
.border{ border-color:rgb(176, 134, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 134, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 134, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 134, 198);  
box-shadow:4px 4px 4px 4px rgb(176, 134,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6226, 30.3575, 57.3554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 134, 198) }
```

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

```
.background{ background-color: rgb(176,  
134, 198) }
```

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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