

Converting Colors

XYZ(36.2249, 30.4923, 58.0126)

Have a look what the booklet for
XYZ(36.2249, 30.4923, 58.0126)
contains.

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Color

**XYZ(36.3465, 30.6161,
58.0267)**

Conversions

Conversions Part 1

Format	Color
Hex	AD88C7
RGB	173, 136, 199
RGB Percent	68%, 53%, 78%
CMY	0.3216, 0.4667, 0.2196
CMYK	0.13, 0.32, 0.00, 0.22
HSL	275°, 36%, 66%
HSV	275°, 32%, 78%
XYZ	36.3465, 30.6161, 58.0267
YIQ	154.2450, 1.8290, 27.4370

Conversions

Conversions Part 2

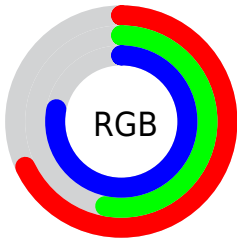
Format	Color
RYB	173, 136, 199
Decimal	11372743
CIELab	62.18, 25.93, -27.35
CIElCh	62, 37.690, 313.467
Yxy	30.6161, 0.2908, 0.2449
Android (android.graphics.Color)	4289562823 (0xFFAD88C7)
YUV	154.2450, 22.0642, 16.4481
Hunter-Lab	55.3318, 20.4228, -23.4454

Details

The XYZ color **36.3465, 30.6161, 58.0267** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **39.7688, 50.3067, 30.9081**, and the grayscale version is **30.7292, 32.3295, 35.2068**.

A 20% lighter version of the original color is **68.7766, 60.7049, 102.7000**, and **16.1844, 12.6930, 28.3850** is the 20% darker color. If you saturate the color by 10%, you get **32.0394, 24.6150, 57.0959**, and if you desaturate by 10%, it is **41.2876, 37.7180, 59.1376**.

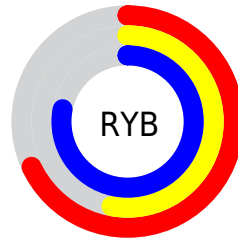
Distribution



Red (68%)

Green (53%)

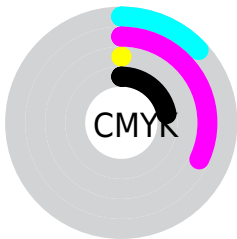
Blue (78%)



Red (68%)

Yellow (53%)

Blue (78%)

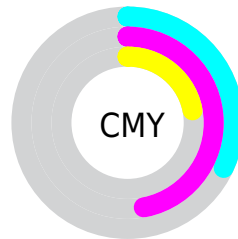


Cyan (13%)

Magenta (32%)

Yellow (0%)

Black (22%)



Cyan (32%)

Magenta (47%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.3465, 30.6161, 58.0267 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 36.3465, 30.6161, 58.0267 by changing the saturation by 10% instead.

■ 36.3465, 30.6161,
58.0267

■ 36.3465, 30.6161,
58.0267

321.8774,
304.7658, 434.8864

■ 24.8733, 20.3067,
41.4153

■ 68.8869, 60.6351,
103.4769

■ 16.1109, 12.6182,
28.3216

■ 90.6848, 81.1136,
133.1528

■ 9.6940, 7.1662,
18.3271

■ 116.6550,
105.7505, 168.0205

■ 5.2572, 3.5662,
11.0132

147.1628,
134.9302, 208.4987

■ 2.4353, 1.4340,
5.9614

182.5736,
169.0373, 255.0058

■ 0.8627, 0.2416,
2.7532

223.2527,

■ 0.0000, 0.0000,

208.4559, 307.9605

0.9701

269.5655,
253.5706, 367.7812

■ 0.0000, 0.0000,
0.0000

■ 36.3465, 30.6161,
58.0267

■ 36.3465, 30.6161,
58.0267

■ 32.0394, 24.6150,
57.0959

■ 41.2876, 37.7180,
59.1376

■ 28.3323, 19.6520,
56.3333

■ 46.8883, 45.9710,
60.4354

■ 25.1928, 15.6642,
55.7290

■ 53.1761, 55.4270,
61.9292

■ 22.5832, 12.5796,
55.2712

■ 60.1764, 66.1336,
63.6268

■ 20.4610, 10.3164,
54.9462

■ 67.9127, 78.1355,
65.5356

■ 18.7756, 8.7768,
54.7379

■ 76.2787, 91.2173,
67.6197

■ 17.6278, 7.8966,
54.6285

■ 78.8602, 92.5481,
67.7405

■ 81.5660, 93.9430,
67.8672

■ 84.3977, 95.4028,
67.9997

Harmonies

Analogous

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



31.4333, 30.6161, 68.5937



36.3465, 30.6161, 58.0267



39.4991, 30.6161, 41.9427

Triad

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



36.3465, 30.6161, 58.0267



31.9674, 30.6161, 13.0727



20.5998, 30.6161, 40.2810

Complementary

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



36.3465, 30.6161, 58.0267



39.7688, 50.3067, 30.9081

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.



20.7074, 30.6161, 25.9949



36.3465, 30.6161, 58.0267



26.8846, 30.6161, 12.8664

Square

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



36.3465, 30.6161, 58.0267



36.7766, 30.6161, 17.5623



22.8864, 30.6161, 16.8812



22.5732, 30.6161, 56.5094

Rectangle

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



36.3465, 30.6161, 58.0267



39.9739, 30.6161, 31.6731



22.8864, 30.6161, 16.8812



20.4014, 30.6161, 35.0555

Sweetspot

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



36.3475, 30.6174, 58.0274



84.7615, 84.4690, 106.4445



33.4278, 35.2879, 59.0828



17.8070, 17.5785, 22.7044



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.



36.3475, 30.6174, 58.0274



58.3208, 46.1562, 100.4429



42.0678, 33.6355, 55.1676



10.6436, 10.5900, 13.4006



11.4365, 5.1300, 35.1318



0.6224, 0.2846, 1.6673

Inverse Universe

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



38.8800, 32.3604, 38.3809



63.6875, 49.8293, 59.7427



35.4042, 48.0125, 32.6997



10.8123, 10.7083, 11.9950



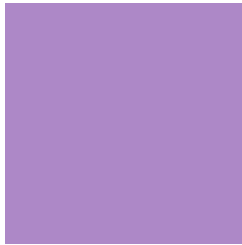
16.1690, 8.2172, 6.0999



0.8015, 0.4034, 0.4777

Previews

White Background



This preview shows how the XYZ color 36.3465, 30.6161, 58.0267 looks on a white background.

Color Contrast Check

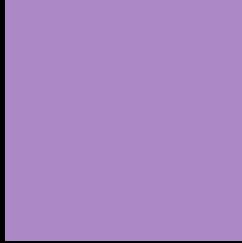
Large Text (above 18pt) WCAG AA × Fail

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 36.3465, 30.6161, 58.0267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

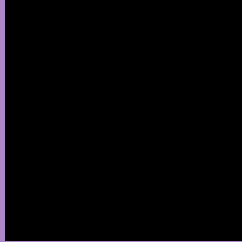
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.3465, 30.6161, 58.0267

Background



This preview shows how black text looks on a background with the XYZ color 36.3465, 30.6161, 58.0267.



This preview shows how white text looks on a background with the XYZ color 36.3465, 30.6161,

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

36.3465, 30.6161, 58.0267

Protanopia

31.4908, 30.6394, 63.9288

Deuteranopia

31.4832, 30.7865, 57.1064



Tritanopia

31.6999, 30.4538, 35.6599

Trichromacy



Original Color

36.3465, 30.6161, 58.0267

Protanomaly

33.0253, 30.5573, 61.9151

Deuteranomaly

33.1152, 30.6991, 57.6062

Tritanomaly

33.3335, 30.4633, 43.1529

Monochromacy



Original Color

36.3465, 30.6161, 58.0267

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

32.3874, 31.3468, 42.3737

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.3465, 30.6161, 58.0267 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(173, 136, 199)` looks like.

```
.text, #text, p{  
    color:rgb(173, 136, 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(173, 136, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 136, 199) }
```

Border

The CSS property to change the border of an element to XYZ 36.3465, 30.6161, 58.0267 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(173, 136, 199) }
```


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

```
.border{ border-color:rgb(173, 136, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 136, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 136, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 136, 199);  
box-shadow:4px 4px 4px 4px rgb(173, 136,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 36.3465, 30.6161, 58.0267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 136, 199) }
```

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

```
.background{ background-color: rgb(173,  
136, 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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