

Converting Colors

XYZ(36.0205, 30.5115, 35.2449)

Have a look what the booklet for
XYZ(36.0205, 30.5115, 35.2449)
contains.

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Color

**XYZ(36.0117, 30.5269,
35.4467)**

Conversions

Conversions Part 1

Format	Color
Hex	BF869C
RGB	191, 134, 156
RGB Percent	75%, 53%, 61%
CMY	0.2510, 0.4745, 0.3882
CMYK	0.00, 0.30, 0.18, 0.25
HSL	337°, 31%, 64%
HSV	337°, 30%, 75%
XYZ	36.0117, 30.5269, 35.4467
YIQ	153.5510, 26.9100, 18.9260

Conversions

Conversions Part 2

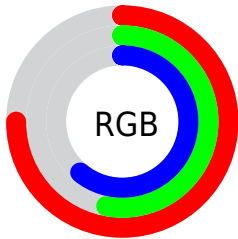
Format	Color
RYB	191, 134, 156
Decimal	12551836
CIELab	62.11, 25.14, -2.92
CIELCh	62, 25.307, 353.378
Yxy	30.5269, 0.3531, 0.2993
Android (android.graphics.Color)	4290741916 (0xFFBF869C)
YUV	153.5510, 1.2074, 32.8428
Hunter-Lab	55.2512, 19.6535, 0.6380

Details

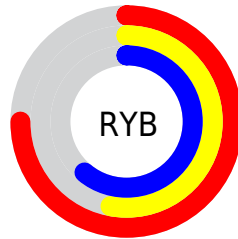
The XYZ color **36.0117, 30.5269, 35.4467** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.6251, 45.1953, 44.3843**, and the grayscale version is **30.5060, 32.0947, 34.9511**.

A 20% lighter version of the original color is **68.3275, 60.5760, 69.0639**, and **16.0367, 12.6789, 14.9667** is the 20% darker color. If you saturate the color by 10%, you get **32.6607, 25.3382, 29.6640**, and if you desaturate by 10%, it is **39.9371, 36.7104, 41.8948**.

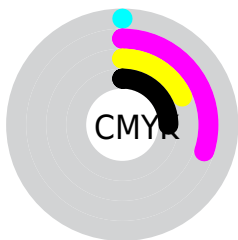
Distribution



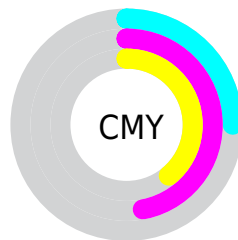
- Red (75%)
- Green (53%)
- Blue (61%)



- Red (75%)
- Yellow (53%)
- Blue (61%)



- Cyan (0%)
- Magenta (30%)
- Yellow (18%)
- Black (25%)





- Cyan (25%)
- Magenta (47%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.0117, 30.5269, 35.4467 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 36.0117, 30.5269, 35.4467 by changing the saturation by 10% instead.


 36.0117, 30.5269,
35.4467


 36.0117, 30.5269,
35.4467


320.4420,
304.3528, 341.4996


 24.6134, 20.2389,
23.7209


 68.3739, 60.4944,
69.3366

 15.9164, 12.5688,
14.9164


 90.0684, 80.9427,
92.3378

 9.5555, 7.1323,
8.6148


 115.9258,
105.5466, 119.9344

 5.1653, 3.5450,
4.3974

146.3113,
134.6904, 152.5452

 2.3803, 1.4224,
1.8458

181.5904,
168.7585, 190.5885

 0.8353, 0.2332,
0.4579

222.1282,

 0.0000, 0.0000,

208.1353, 234.4830

0.0000

268.2903,
253.2053, 284.6472

■ 36.0117, 30.5269,
35.4467

■ 36.0117, 30.5269,
35.4467

■ 32.6607, 25.3382,
29.6640

■ 39.9371, 36.7104,
41.8948

■ 29.8532, 21.0874,
24.5220

■ 44.4607, 43.9328,
49.0280

■ 27.5590, 17.7189,
19.9970


■ 49.6080, 52.2411,
56.8674


■ 25.7441, 15.1688,
16.0631


■ 55.4022, 61.6777,
65.4327


■ 24.3697, 13.3649,
12.6918


■ 61.8655, 72.2831,
74.7427


 23.3905, 12.2219,
9.8518


 69.0186, 84.0955,
84.8154

 22.7219, 11.5761,
7.4975

 72.6938, 88.7755,
94.2724

 22.7123, 11.5670,
7.4633

 74.4750, 89.4880,
103.6521

 75.2960, 89.8164,
107.9755

Harmonies

Analogous

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



34.5895, 30.5269, 45.7169



36.0117, 30.5269, 35.4467



35.4448, 30.5269, 26.3438

Triad

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



36.0117, 30.5269, 35.4467



26.4953, 30.5269, 18.8345



25.2842, 30.5269, 50.6606

Complementary

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



36.0117, 30.5269, 35.4467



35.6251, 45.1953, 44.3843

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.



23.4138, 30.5269, 41.2423



36.0117, 30.5269, 35.4467



24.0739, 30.5269, 23.2665

Square

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



36.0117, 30.5269, 35.4467



29.7760, 30.5269, 17.8832



22.9887, 30.5269, 31.1242



28.2669, 30.5269, 55.5433

Rectangle

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



36.0117, 30.5269, 35.4467



34.0352, 30.5269, 21.9582



22.9887, 30.5269, 31.1242



24.5143, 30.5269, 47.8412

Sweetspot

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



36.0126, 30.5283, 35.4473



80.2358, 79.6583, 88.7476



34.1213, 29.1602, 53.1206



17.3392, 17.0428, 19.0546



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



36.0126, 30.5283, 35.4473



60.3488, 48.2309, 56.3874



35.1244, 31.4677, 26.7787



9.6785, 9.5957, 10.6958



14.9629, 7.6163, 5.0984



0.6183, 0.3112, 0.3692

Inverse Universe

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



36.0126, 30.5283, 35.4473



60.3488, 48.2309, 56.3874



36.6483, 43.6543, 55.7850



9.6785, 9.5957, 10.6958



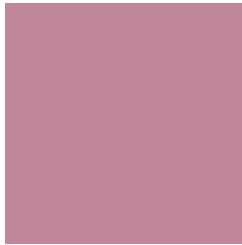
14.9629, 7.6163, 5.0984



0.6183, 0.3112, 0.3692

Previews

White Background



This preview shows how the XYZ color 36.0117, 30.5269, 35.4467 looks on a white background.

Color Contrast Check

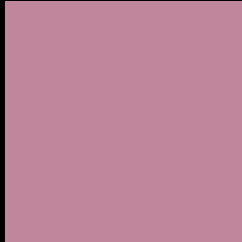
Large Text (above 18pt) WCAG AA × Fail

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 36.0117, 30.5269, 35.4467 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 36.0117, 30.5269, 35.4467

Background



This preview shows how black text looks on a background with the XYZ color 36.0117, 30.5269, 35.4467.



This preview shows how white text looks on a background with the XYZ color 36.0117, 30.5269,

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

36.0117, 30.5269, 35.4467

Protanopia

29.9334, 30.6011, 39.9262

Deuteranopia

31.2159, 30.6774, 34.8479



Tritanopia

35.2277, 30.6308, 31.2498

Trichromacy



Original Color

36.0117, 30.5269, 35.4467

Protanomaly

31.8047, 30.4477, 38.3831

Deuteranomaly

32.8230, 30.5968, 35.1862

Tritanomaly

35.4042, 30.4771, 32.8708

Monochromacy



Original Color

36.0117, 30.5269, 35.4467

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

32.2865, 31.4495, 35.3790

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0117, 30.5269, 35.4467 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(191, 134, 156)` looks like.

```
.text, #text, p{  
    color:rgb(191, 134, 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(191, 134, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 134, 156) }
```

Border

The CSS property to change the border of an element to XYZ 36.0117, 30.5269, 35.4467 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(191, 134, 156) }
```


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

```
.border{ border-color:rgb(191, 134, 156) }
```

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

Here you see how a box with a 4 pixel rgb(191, 134, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 134, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 134, 156);  
box-shadow:4px 4px 4px 4px rgb(191, 134,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0117, 30.5269, 35.4467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 134, 156) }
```

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

```
.background{ background-color: rgb(191,  
134, 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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