

Converting Colors

XYZ(35.0811, 29.6819, 36.6531)

Have a look what the booklet for
XYZ(35.0811, 29.6819, 36.6531)
contains.

XYZ(35.0028, 29.5705, 36.6637)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(35.0028, 29.5705,
36.6637)**

Conversions

Conversions Part 1

Format	Color
Hex	BB849F
RGB	187, 132, 159
RGB Percent	73%, 52%, 62%
CMY	0.2667, 0.4823, 0.3765
CMYK	0.00, 0.29, 0.15, 0.27
HSL	331°, 29%, 63%
HSV	331°, 29%, 73%
XYZ	35.0028, 29.5705, 36.6637
YIQ	151.5230, 24.1130, 20.0570

Conversions

Conversions Part 2

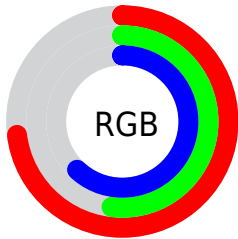
Format	Color
RYB	187, 132, 159
Decimal	12289183
CIELab	61.28, 25.28, -5.90
CIELCh	61, 25.959, 346.871
Yxy	29.5705, 0.3458, 0.2921
Android (android.graphics.Color)	4290479263 (0xFFBB849F)
YUV	151.5230, 3.6862, 31.1133
Hunter-Lab	54.3788, 19.7350, -1.9099

Details

The XYZ color **35.0028, 29.5705, 36.6637** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **33.6325, 42.9851, 39.7841**, and the grayscale version is **29.6177, 31.1602, 33.9334**.

A 20% lighter version of the original color is **67.0047, 59.2059, 71.5147**, and **15.3969, 12.1038, 15.7121** is the 20% darker color. If you saturate the color by 10%, you get **31.8961, 24.6285, 31.7078**, and if you desaturate by 10%, it is **38.6294, 35.4497, 42.1075**.

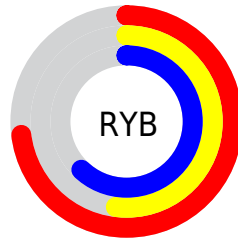
Distribution



Red (73%)

Green (52%)

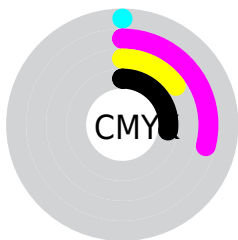
Blue (62%)



Red (73%)

Yellow (52%)

Blue (62%)

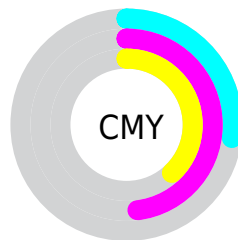


Cyan (0%)

Magenta (29%)

Yellow (15%)

Black (27%)



Cyan (27%)


Magenta (48%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.0028, 29.5705, 36.6637 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 35.0028, 29.5705, 36.6637 by changing the saturation by 10% instead.


 35.0028, 29.5705,
36.6637


 35.0028, 29.5705,
36.6637


316.0885,
299.8973, 346.9770


 23.8316, 19.5128,
24.6535


 66.8241, 58.9823,
71.2358

 15.3328, 12.0414,
15.6024


 88.2049, 79.1052,
94.6347

 9.1411, 6.7719,
9.0920


 113.7195,
103.3519, 122.6670

 4.8912, 3.3199,
4.7036

143.7334,
132.1069, 155.7511

 2.2177, 1.3009,
2.0187

178.6119,
165.7546, 194.3056

 0.7520, 0.1419,
0.5668

218.7203,

 0.0000, 0.0000,

204.6792, 238.7491

0.0000

264.4241,
249.2653, 289.5000

■ 35.0028, 29.5705,
36.6637

■ 35.0028, 29.5705,
36.6637

■ 31.8961, 24.6285,
31.7078

■ 38.6294, 35.4497,
42.1075

■ 29.2810, 20.5704,
27.2225

■ 42.7972, 42.3076,
48.0522

■ 27.1304, 17.3441,
23.1917

■ 47.5293, 50.1881,
54.5124

■ 25.4131, 14.8898,
19.5975

■ 52.8469, 59.1310,
61.5016

■ 24.0942, 13.1400,
16.4203

■ 58.7697, 69.1743,
69.0325

■ 23.1326, 12.0152,
13.6383

■ 65.3169, 80.3540,
77.1177

■ 22.4531, 11.3678,
11.2179

■ 69.9326, 87.5564,
84.9109

■ 22.4165, 11.3340,
11.0843

■ 71.2731, 88.0927,
91.9702

■ 72.6873, 88.6584,
99.4174

Harmonies

Analogous

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



33.1792, 29.5705, 46.8518



35.0028, 29.5705, 36.6637



34.8744, 29.5705, 27.0389

Triad

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



35.0028, 29.5705, 36.6637



26.2417, 29.5705, 17.3377



23.8489, 29.5705, 47.9763

Complementary

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



35.0028, 29.5705, 36.6637



33.6325, 42.9851, 39.7841

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.



22.2752, 29.5705, 37.9732



35.0028, 29.5705, 36.6637



23.5780, 29.5705, 20.9697

Square

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



35.0028, 29.5705, 36.6637



29.6250, 29.5705, 17.1281



22.1802, 29.5705, 28.1091



26.6396, 29.5705, 54.2205

Rectangle

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



35.0028, 29.5705, 36.6637



33.6969, 29.5705, 22.1746



22.1802, 29.5705, 28.1091



23.1702, 29.5705, 44.8597

Sweetspot

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



35.0037, 29.5719, 36.6643



76.8596, 76.1211, 86.3542



31.6195, 27.5140, 50.6584



16.6706, 16.3409, 18.6601



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



35.0037, 29.5719, 36.6643



59.1576, 47.3196, 60.0988



32.9107, 28.7347, 25.6431



9.7201, 9.6123, 10.9150



15.4813, 7.8237, 7.8283



0.6395, 0.3197, 0.4807

Inverse Universe

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



35.0037, 29.5719, 36.6643



59.1576, 47.3196, 60.0988



36.2566, 44.0348, 53.6028



9.7201, 9.6123, 10.9150



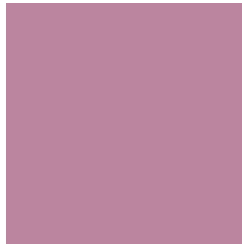
15.4813, 7.8237, 7.8283



0.6395, 0.3197, 0.4807

Previews

White Background



This preview shows how the XYZ color 35.0028, 29.5705, 36.6637 looks on a white background.

Color Contrast Check

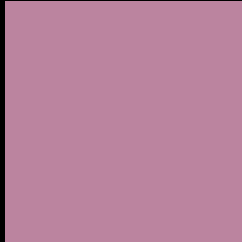
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.0028, 29.5705, 36.6637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

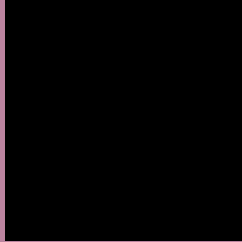
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.0028, 29.5705, 36.6637

Background



This preview shows how black text looks on a background with the XYZ color 35.0028, 29.5705, 36.6637.



This preview shows how white text looks on a background with the XYZ color 35.0028, 29.5705,

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

35.0028, 29.5705, 36.6637

Protanopia

29.2722, 29.7518, 41.7360

Deuteranopia

30.3571, 29.7518, 36.0410



Tritanopia

33.6435, 29.4088, 30.6913

Trichromacy



Original Color

35.0028, 29.5705, 36.6637

Protanomaly

30.9617, 29.5362, 39.6665

Deuteranomaly

31.9118, 29.6598, 36.3907

Tritanomaly

34.1422, 29.4162, 32.7326

Monochromacy



Original Color

35.0028, 29.5705, 36.6637

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

31.5588, 30.6167, 35.2566

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0028, 29.5705, 36.6637 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(187, 132, 159)` looks like.

```
.text, #text, p{  
    color:rgb(187, 132, 159)  
}
```

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(187, 132, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 132, 159) }
```

Border

The CSS property to change the border of an element to XYZ 35.0028, 29.5705, 36.6637 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(187, 132, 159) }
```


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

```
.border{ border-color:rgb(187, 132, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 132, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 132, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 132, 159);  
box-shadow:4px 4px 4px 4px rgb(187, 132,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0028, 29.5705, 36.6637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 132, 159) }
```

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

```
.background{ background-color: rgb(187,  
132, 159) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor