

Converting Colors

XYZ(35.6150, 30.2968, 36.3686)

Have a look what the booklet for
XYZ(35.6150, 30.2968, 36.3686)
contains.

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Color

**XYZ(35.6829, 30.3376,
36.3228)**

Conversions

Conversions Part 1

Format	Color
Hex	BD869E
RGB	189, 134, 158
RGB Percent	74%, 53%, 62%
CMY	0.2588, 0.4745, 0.3804
CMYK	0.00, 0.29, 0.16, 0.26
HSL	334°, 29%, 63%
HSV	334°, 29%, 74%
XYZ	35.6829, 30.3376, 36.3228
YIQ	153.1810, 25.0760, 19.1240

Conversions

Conversions Part 2

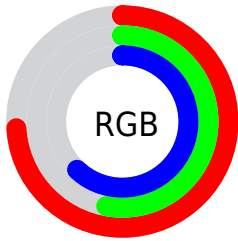
Format	Color
R _Y B	189, 134, 158
Decimal	12420766
CIE Lab	61.94, 24.73, -4.32
CIE LCh	62, 25.106, 350.088
Yxy	30.3376, 0.3487, 0.2964
Android (android.graphics.Color)	4290610846 (0xFFBD869E)
YUV	153.1810, 2.3758, 31.4133
Hunter-Lab	55.0796, 19.2506, -0.5437

Details

The XYZ color **35.6829, 30.3376, 36.3228** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.8219, 44.1809, 42.2918**, and the grayscale version is **30.3401, 31.9201, 34.7610**.

A 20% lighter version of the original color is **67.9995, 60.3634, 71.0181**, and **15.8158, 12.5531, 15.4993** is the 20% darker color. If you saturate the color by 10%, you get **32.4228, 25.2217, 30.9063**, and if you desaturate by 10%, it is **39.4910, 36.4217, 42.3149**.

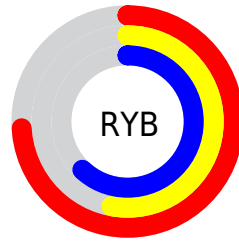
Distribution



Red (74%)

Green (53%)

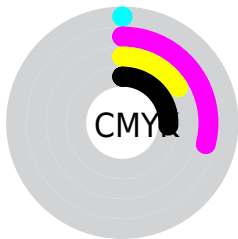
Blue (62%)



Red (74%)

Yellow (53%)

Blue (62%)

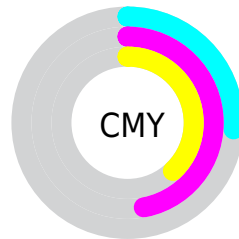


Cyan (0%)

Magenta (29%)

Yellow (16%)

Black (26%)



Cyan (26%)


Magenta (47%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.6829, 30.3376, 36.3228 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 35.6829, 30.3376, 36.3228 by changing the saturation by 10% instead.


 35.6829, 30.3376,
36.3228


 35.6829, 30.3376,
36.3228


319.0279,
303.4749, 345.4492


 24.3584, 20.0950,
24.3919


 67.8694, 60.1957,
70.7047

 15.7258, 12.4641,
15.4097


 89.4621, 80.5799,
93.9927

 9.4200, 7.0606,
8.9576


 115.2083,
105.1135, 121.9036

 5.0754, 3.5000,
4.6171

145.4732,
134.1807, 154.8559

 2.3268, 1.3980,
1.9696

180.6223,
168.1661, 193.2680

 0.8083, 0.2153,
0.5365

221.0208,

 0.0000, 0.0000,

207.4540, 237.5586

0.0000

267.0343,
252.4288, 288.1462

■ 35.6829, 30.3376,
36.3228

■ 35.6829, 30.3376,
36.3228

■ 32.4228, 25.2217,
30.9063

■ 39.4910, 36.4217,
42.3149

■ 29.6814, 21.0194,
26.0448

■ 43.8696, 43.5168,
48.8986

■ 27.4302, 17.6767,
21.7186

■ 48.8429, 51.6678,
56.0915

■ 25.6368, 15.1327,
17.9064

■ 54.4329, 60.9161,
63.9100

■ 24.2647, 13.3177,
14.5847

■ 60.6604, 71.3005,
72.3695

■ 23.2714, 12.1504,
11.7273

■ 67.5454, 82.8580,
81.4852

■ 22.5828, 11.4870,
9.2973

■ 71.3937, 88.1978,
90.0338

■ 22.5272, 11.4352,
9.0959

■ 72.9586, 88.8238,
98.2742

■ 74.6169, 89.4871,
107.0066

Harmonies

Analogous

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



34.0828, 30.3376, 46.3912



35.6829, 30.3376, 36.3228



35.3419, 30.3376, 27.0732

Triad

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



35.6829, 30.3376, 36.3228



26.6713, 30.3376, 18.5179



24.8832, 30.3376, 49.3644

Complementary

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



35.6829, 30.3376, 36.3228



34.8219, 44.1809, 42.2918

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.



23.1801, 30.3376, 39.8077



35.6829, 30.3376, 36.3228



24.1555, 30.3376, 22.5213

Square

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



35.6829, 30.3376, 36.3228



29.9621, 30.3376, 17.9461



22.9245, 30.3376, 29.9471



27.7365, 30.3376, 54.8310

Rectangle

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



35.6829, 30.3376, 36.3228



34.0686, 30.3376, 22.4875



22.9245, 30.3376, 29.9471



24.1669, 30.3376, 46.4458

Sweetspot

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



35.6838, 30.3390, 36.3234



78.5319, 77.8759, 87.5206



33.0731, 28.6450, 51.9304



16.6282, 16.3239, 18.4370



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.



35.6838, 30.3390, 36.3234



60.0266, 48.2226, 58.6704



34.2006, 30.3618, 26.6138



9.6984, 9.6037, 10.8007



15.1939, 7.7087, 6.3147



0.6280, 0.3151, 0.4205

Inverse Universe

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



35.6838, 30.3390, 36.3234



60.0266, 48.2226, 58.6704



36.6294, 43.9664, 54.7003



9.6984, 9.6037, 10.8007



15.1939, 7.7087, 6.3147



0.6280, 0.3151, 0.4205

Previews

White Background



This preview shows how the XYZ color 35.6829, 30.3376, 36.3228 looks on a white background.

Color Contrast Check

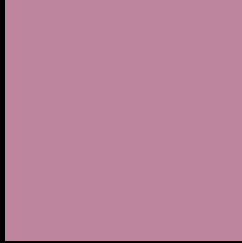
Large Text (above 18pt) WCAG AA × Fail

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 35.6829, 30.3376, 36.3228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

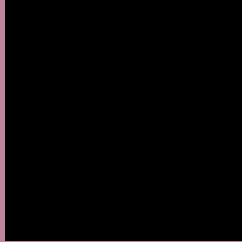
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.6829, 30.3376, 36.3228

Background



This preview shows how black text looks on a background with the XYZ color 35.6829, 30.3376, 36.3228.



This preview shows how white text looks on a background with the XYZ color 35.6829, 30.3376,

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

35.6829, 30.3376, 36.3228

Protanopia

29.9352, 30.5808, 40.8841

Deuteranopia

31.0264, 30.3325, 35.6720



Tritanopia

34.7315, 30.3750, 31.2265

Trichromacy



Original Color

35.6829, 30.3376, 36.3228

Protanomaly

31.7784, 30.4134, 39.3174

Deuteranomaly

32.6239, 30.2547, 36.0186

Tritanomaly

34.9080, 30.2213, 32.8476

Monochromacy



Original Color

35.6829, 30.3376, 36.3228

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.9212, 31.0313, 35.3176

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6829, 30.3376, 36.3228 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(189, 134, 158)` looks like.

```
.text, #text, p{  
    color:rgb(189, 134, 158)  
}
```

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(189, 134, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 134, 158) }
```

Border

The CSS property to change the border of an element to XYZ 35.6829, 30.3376, 36.3228 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(189, 134, 158) }
```


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

```
.border{ border-color:rgb(189, 134, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 134, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 134, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 134, 158);  
box-shadow:4px 4px 4px 4px rgb(189, 134,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6829, 30.3376, 36.3228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 134, 158) }
```

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

```
.background{ background-color: rgb(189,  
134, 158) }
```

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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