

Converting Colors

XYZ(36.6016, 30.0440, 52.5852)

Have a look what the booklet for
XYZ(36.6016, 30.0440, 52.5852)
contains.

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Color

**XYZ(36.6016, 30.0440,
52.5852)**

Conversions

Conversions Part 1

Format	Color
Hex	B584BE
RGB	181, 132, 190
RGB Percent	71%, 52%, 75%
CMY	0.2902, 0.4823, 0.2549
CMYK	0.05, 0.31, 0.00, 0.25
HSL	291°, 31%, 63%
HSV	291°, 31%, 75%
XYZ	36.6016, 30.0440, 52.5852
YIQ	153.2630, 10.5860, 28.4260

Conversions

Conversions Part 2

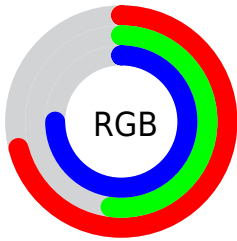
Format	Color
RYB	181, 132, 190
Decimal	11895998
CIELab	61.69, 28.89, -22.96
CIELCh	62, 36.902, 321.518
Yxy	30.0440, 0.3070, 0.2520
Android (android.graphics.Color)	4290086078 (0xFFB584BE)
YUV	153.2630, 18.1113, 24.3253
Hunter-Lab	54.8124, 23.2737, -18.5122

Details

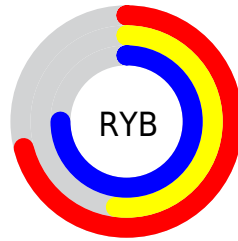
The XYZ color **36.6016, 30.0440, 52.5852** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **33.5639, 44.1564, 28.5853**, and the grayscale version is **30.3140, 31.8926, 34.7311**.

A 20% lighter version of the original color is **69.4534, 59.9488, 95.0995**, and **16.2136, 12.3242, 24.8168** is the 20% darker color. If you saturate the color by 10%, you get **33.5722, 25.0001, 51.7718**, and if you desaturate by 10%, it is **40.1167, 36.0364, 53.5570**.

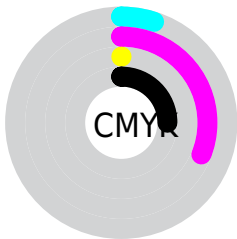
Distribution



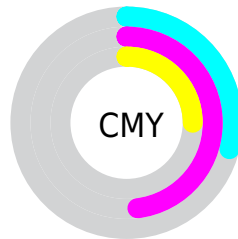
- Red (71%)
- Green (52%)
- Blue (75%)



- Red (71%)
- Yellow (52%)
- Blue (75%)



- Cyan (5%)
- Magenta (31%)
- Yellow (0%)
- Black (25%)





- Cyan (29%)
- Magenta (48%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.6016, 30.0440, 52.5852 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 36.6016, 30.0440, 52.5852 by changing the saturation by 10% instead.


 36.6016, 30.0440,
52.5852


 36.6016, 30.0440,
52.5852

322.9680,
302.1095, 413.7127


 25.0714, 19.8720,
37.0863


 69.2774, 59.7318,
95.4291

 16.2593, 12.3020,
24.9780

 91.1538, 80.0163,
123.6111

 9.7998, 6.9497,
15.8418


 117.2096,
104.4404, 156.8579

 5.3277, 3.4307,
9.2591

147.8103,
133.3886, 195.5881

 2.4775, 1.3605,
4.8115

183.3211,
167.2452, 240.2201

 0.8839, 0.1873,
2.0803

224.1074,

 0.0000, 0.0000,

206.3946, 291.1725

0.6040

270.5346,
251.2213, 348.8639

■ 0.0000, 0.0000,
0.0000

■ 36.6016, 30.0440,
52.5852

■ 36.6016, 30.0440,
52.5852

■ 33.5722, 25.0001,
51.7718

■ 40.1167, 36.0364,
53.5570

■ 31.0002, 20.8499,
51.1062

■ 44.1384, 43.0207,
54.6932

■ 28.8584, 17.5388,
50.5800

■ 48.6897, 51.0421,
56.0016

■ 27.1157, 15.0045,
50.1827

■ 53.7913, 60.1421,
57.4892

■ 25.7365, 13.1762,
49.9025

■ 59.4627, 70.3596,
59.1624

■ 24.6789, 11.9700,
49.7254

■ 65.7228, 81.7319,
61.0276

■ 23.8954, 11.2449,
49.6267

■ 69.3140, 87.7440,
61.9988

■ 70.1175, 88.1583,
62.0364

■ 70.9364, 88.5804,
62.0747

Harmonies

Analogous

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



32.1604, 30.0440, 64.8612



36.6016, 30.0440, 52.5852



38.9475, 30.0440, 36.8646

Triad

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



36.6016, 30.0440, 52.5852



29.9710, 30.0440, 12.5968



20.6432, 30.0440, 43.6655

Complementary

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



36.6016, 30.0440, 52.5852



33.5639, 44.1564, 28.5853

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.



20.1996, 30.0440, 28.8850



36.6016, 30.0440, 52.5852



25.2313, 30.0440, 13.4565

Square

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



36.6016, 30.0440, 52.5852



34.8422, 30.0440, 15.7848



21.7852, 30.0440, 18.6084



23.0752, 30.0440, 58.7691

Rectangle

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



36.6016, 30.0440, 52.5852



38.8408, 30.0440, 27.6057



21.7852, 30.0440, 18.6084



20.2687, 30.0440, 38.4139

Sweetspot

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



36.6026, 30.0453, 52.5858



81.0638, 79.8498, 99.4192



28.4347, 27.8716, 52.5968



17.5476, 17.0907, 21.7593



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.



36.6026, 30.0453, 52.5858



62.3555, 47.8058, 94.2201



36.8064, 30.3785, 42.2864



9.7806, 9.6193, 12.0134



15.9429, 7.5049, 33.0012



0.6643, 0.3145, 1.2945

Inverse Universe

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



34.2952, 29.3741, 29.0628



57.6001, 46.4614, 43.9780



33.5433, 43.9785, 36.1423



9.5889, 9.5599, 10.2242



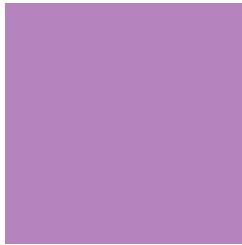
14.2907, 7.3474, 1.5585



0.5791, 0.2955, 0.1629

Previews

White Background



This preview shows how the XYZ color 36.6016, 30.0440, 52.5852 looks on a white background.

Color Contrast Check

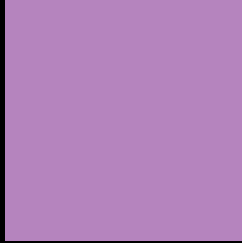
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.6016, 30.0440, 52.5852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

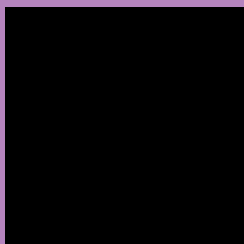
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.6016, 30.0440, 52.5852

Background



This preview shows how black text looks on a background with the XYZ color 36.6016, 30.0440, 52.5852.



This preview shows how white text looks on a background with the XYZ color 36.6016, 30.0440,

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

36.6016, 30.0440, 52.5852

Protanopia

30.8078, 30.1528, 59.4547

Deuteranopia

30.7501, 30.0749, 51.1980



Tritanopia

32.6432, 30.1045, 33.3684

Trichromacy



Original Color

36.6016, 30.0440, 52.5852

Protanomaly

32.5135, 29.9565, 56.8919

Deuteranomaly

32.5066, 29.8487, 51.6250

Tritanomaly

33.8687, 29.9550, 39.5941

Monochromacy



Original Color

36.6016, 30.0440, 52.5852

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

32.1126, 30.7905, 40.3270

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6016, 30.0440, 52.5852 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(181, 132, 190)` looks like.

```
.text, #text, p{  
    color:rgb(181, 132, 190)  
}
```

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(181, 132, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 132, 190) }
```

Border

The CSS property to change the border of an element to XYZ 36.6016, 30.0440, 52.5852 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(181, 132, 190) }
```


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

```
.border{ border-color:rgb(181, 132, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 132, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 132, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 132, 190);  
box-shadow:4px 4px 4px 4px rgb(181, 132,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6016, 30.0440, 52.5852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 132, 190) }
```

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

```
.background{ background-color: rgb(181,  
132, 190) }
```

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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