

Converting Colors

XYZ(36.8599, 30.5492, 40.3681)

Have a look what the booklet for
XYZ(36.8599, 30.5492, 40.3681)
contains.

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Color

**XYZ(36.8484, 30.6414,
40.5315)**

Conversions

Conversions Part 1

Format	Color
Hex	BF85A7
RGB	191, 133, 167
RGB Percent	75%, 52%, 65%
CMY	0.2510, 0.4784, 0.3451
CMYK	0.00, 0.30, 0.13, 0.25
HSL	325°, 31%, 64%
HSV	325°, 30%, 75%
XYZ	36.8484, 30.6414, 40.5315
YIQ	154.2180, 23.6540, 22.8700

Conversions

Conversions Part 2

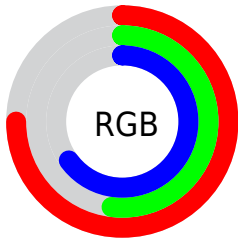
Format	Color
R_{YB}	191, 133, 167
Decimal	12551591
CIE _{Lab}	62.20, 27.50, -9.04
CIE _{LCh}	62, 28.945, 341.807
Yxy	30.6414, 0.3411, 0.2837
Android (android.graphics.Color)	4290741671 (0xFFBF85A7)
YUV	154.2180, 6.3015, 32.2578
Hunter-Lab	55.3547, 21.9529, -4.6647

Details

The XYZ color **36.8484, 30.6414, 40.5315** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **34.3907, 44.6833, 38.7123**, and the grayscale version is **30.7775, 32.3803, 35.2622**.

A 20% lighter version of the original color is **69.6665, 60.7710, 77.1654**, and **16.4283, 12.5908, 17.7840** is the 20% darker color. If you saturate the color by 10%, you get **33.7590, 25.5961, 36.0063**, and if you desaturate by 10%, it is **40.4598, 36.6583, 45.4517**.

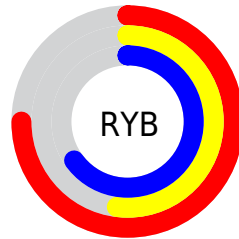
Distribution



Red (75%)

Green (52%)

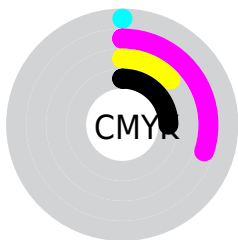
Blue (65%)



Red (75%)

Yellow (52%)

Blue (65%)

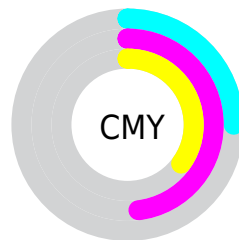


Cyan (0%)

Magenta (30%)

Yellow (13%)

Black (25%)



Cyan (25%)


Magenta (48%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.8484, 30.6414, 40.5315 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 36.8484, 30.6414, 40.5315 by changing the saturation by 10% instead.


 36.8484, 30.6414,
40.5315


 36.8484, 30.6414,
40.5315


324.0207,
304.8828, 363.9772


 25.2633, 20.3259,
27.6363


 69.6549, 60.6750,
77.2181

 16.4031, 12.6322,
17.8150


 91.6070, 81.1620,
101.8465

 9.9025, 7.1758,
10.6492


 117.7455,
105.8083, 131.2231

 5.3961, 3.5723,
5.7203

148.4356,
134.9982, 165.7664

 2.5186, 1.4373,
2.6097

184.0429,
169.1163, 205.8949

 0.9047, 0.2440,
0.8975

224.9326,

 0.0000, 0.0000,

208.5468, 252.0272

0.0000

271.4700,
253.6742, 304.5818

■ 36.8484, 30.6414,
40.5315

■ 36.8484, 30.6414,
40.5315

■ 33.7590, 25.5961,
36.0063

■ 40.4598, 36.6583,
45.4517

■ 31.1622, 21.4663,
31.8614

■ 44.6150, 43.6906,
50.7771

■ 29.0300, 18.1966,
28.0838

■ 49.3379, 51.7844,
56.5196

■ 27.3300, 15.7239,
24.6587

■ 54.6503, 60.9820,
62.6900

■ 26.0256, 13.9761,
21.5695

■ 60.5724, 71.3230,
69.2988

■ 25.0735, 12.8681,
18.7974

■ 67.1240, 82.8453,
76.3558

■ 24.4085, 12.2454,
16.3951

■ 70.4749, 87.8880,
82.5878

■ 71.5616, 88.3227,
88.3103

■ 72.6987, 88.7775,
94.2980

Harmonies

Analogous

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



34.4168, 30.6414, 52.0788



36.8484, 30.6414, 40.5315



37.1020, 30.6414, 29.1571

Triad

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



36.8484, 30.6414, 40.5315



27.6154, 30.6414, 16.4412



23.8817, 30.6414, 49.8342

Complementary

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



36.8484, 30.6414, 40.5315



34.3907, 44.6833, 38.7123

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.



22.3799, 30.6414, 37.9557



36.8484, 30.6414, 40.5315



24.4032, 30.6414, 19.7734

Square

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



36.8484, 30.6414, 40.5315



31.5295, 30.6414, 16.8308



22.5619, 30.6414, 27.0943



26.8435, 30.6414, 58.2216

Rectangle

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



36.8484, 30.6414, 40.5315



35.9761, 30.6414, 23.2716



22.5619, 30.6414, 27.0943



23.2019, 30.6414, 46.0176

Sweetspot

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



36.8493, 30.6428, 40.5321



80.8834, 79.9173, 92.1577



31.5418, 27.6261, 52.9605



17.5026, 17.1082, 19.9152



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.



36.8493, 30.6428, 40.5321



62.4555, 49.0736, 67.4811



34.5201, 29.7111, 28.2665



9.7584, 9.6277, 11.1166



16.0817, 8.0638, 10.9896



0.6618, 0.3286, 0.5981

Inverse Universe

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



36.8493, 30.6428, 40.5321



62.4555, 49.0736, 67.4811



37.0827, 45.7601, 52.8884



9.7584, 9.6277, 11.1166



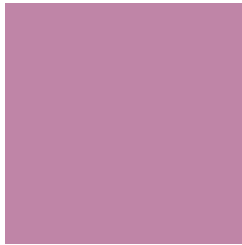
16.0817, 8.0638, 10.9896



0.6618, 0.3286, 0.5981

Previews

White Background



This preview shows how the XYZ color 36.8484, 30.6414, 40.5315 looks on a white background.

Color Contrast Check

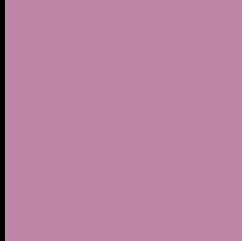
Large Text (above 18pt) WCAG AA × Fail

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 36.8484, 30.6414, 40.5315 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 36.8484, 30.6414, 40.5315

Background



This preview shows how black text looks on a background with the XYZ color 36.8484, 30.6414, 40.5315.



This preview shows how white text looks on a background with the XYZ color 36.8484, 30.6414,

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

36.8484, 30.6414, 40.5315

Protanopia

30.4604, 30.7290, 46.4453

Deuteranopia

31.3685, 30.6453, 39.8591



Tritanopia

35.1984, 30.8167, 31.6968

Trichromacy



Original Color

36.8484, 30.6414, 40.5315

Protanomaly

32.3627, 30.3823, 44.2031

Deuteranomaly

33.2024, 30.4609, 40.2060

Tritanomaly

35.8721, 30.8886, 34.6433

Monochromacy



Original Color

36.8484, 30.6414, 40.5315

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

32.4732, 31.2765, 37.1263

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.8484, 30.6414, 40.5315 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, 133, 167)` looks like.

```
.text, #text, p{  
    color:rgb(191, 133, 167)  
}
```

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, 133, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 133, 167) }
```

Border

The CSS property to change the border of an element to XYZ 36.8484, 30.6414, 40.5315 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, 133, 167) }
```


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

```
.border{ border-color:rgb(191, 133, 167) }
```

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

Here you see how a box with a 4 pixel rgb(191, 133, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 133, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 133, 167);  
box-shadow:4px 4px 4px 4px rgb(191, 133,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 36.8484, 30.6414, 40.5315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 133, 167) }
```

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

```
.background{ background-color: rgb(191,  
133, 167) }
```

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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