

Converting Colors

XYZ(37.2827, 30.8096, 50.2192)

Have a look what the booklet for
XYZ(37.2827, 30.8096, 50.2192)
contains.

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Color

**XYZ(37.3956, 30.9097,
50.4496)**

Conversions

Conversions Part 1

Format	Color
Hex	B986BA
RGB	185, 134, 186
RGB Percent	73%, 53%, 73%
CMY	0.2745, 0.4745, 0.2706
CMYK	0.01, 0.28, 0.00, 0.27
HSL	299°, 27%, 63%
HSV	299°, 28%, 73%
XYZ	37.3956, 30.9097, 50.4496
YIQ	155.1770, 13.7040, 26.9840

Conversions

Conversions Part 2

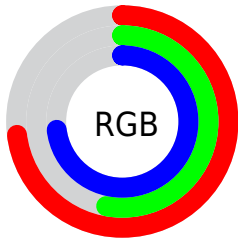
Format	Color
RYB	185, 134, 186
Decimal	12158650
CIELab	62.43, 28.31, -19.53
CIELCh	62, 34.398, 325.396
Yxy	30.9097, 0.3149, 0.2603
Android (android.graphics.Color)	4290348730 (0xFFB986BA)
YUV	155.1770, 15.1957, 26.1548
Hunter-Lab	55.5965, 22.7697, -14.8836

Details

The XYZ color **37.3956, 30.9097, 50.4496** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **31.8548, 41.9908, 28.9820**, and the grayscale version is **31.1655, 32.7885, 35.7067**.

A 20% lighter version of the original color is **70.6282, 61.2545, 92.1052**, and **16.6870, 12.7053, 23.7632** is the 20% darker color. If you saturate the color by 10%, you get **34.9616, 26.1691, 49.6633**, and if you desaturate by 10%, it is **40.2839, 36.5574, 51.3879**.

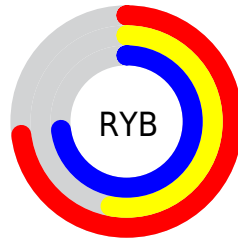
Distribution



Red (73%)

Green (53%)

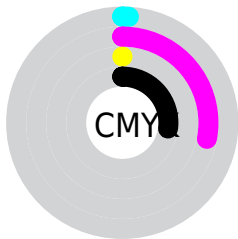
Blue (73%)



Red (73%)

Yellow (53%)

Blue (73%)

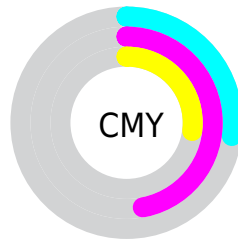


Cyan (1%)

Magenta (28%)

Yellow (0%)

Black (27%)



Cyan (27%)


Magenta (47%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.3956, 30.9097, 50.4496 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 37.3956, 30.9097, 50.4496 by changing the saturation by 10% instead.


 37.3956, 30.9097,
50.4496


 37.3956, 30.9097,
50.4496


326.3460,
306.1221, 405.2069


 25.6890, 20.5301,
35.3971


 70.4907, 61.0979,
92.2438

 16.7226, 12.7810,
23.6829


 92.6099, 81.6752,
119.8226

 10.1310, 7.2779,
14.8886


 118.9307,
106.4206, 152.4139

 5.5488, 3.6365,
8.5955

149.8185,
135.7185, 190.4362

 2.6108, 1.4724,
4.3851

185.6385,
169.9531, 234.3082

 0.9514, 0.2692,
1.8389

226.7562,

 0.0000, 0.0000,

209.5090, 284.4482

0.4534

273.5369,
254.7706, 341.2750

■ 0.0000, 0.0000,
0.0000

■ 37.3956, 30.9097,
50.4496

■ 37.3956, 30.9097,
50.4496

■ 34.9616, 26.1691,
49.6633

■ 40.2839, 36.5574,
51.3879

■ 32.9553, 22.2841,
49.0192

■ 43.6455, 43.1520,
52.4837

■ 31.3519, 19.2045,
48.5093

■ 47.5019, 50.7359,
53.7442

■ 30.1226, 16.8730,
48.1240

■ 51.8724, 59.3478,
55.1762

■ 29.2352, 15.2248,
47.8527

■ 56.7754, 69.0243,
56.7855

■ 28.6517, 14.1841,
47.6825

■ 62.2282, 79.8000,
58.5780

■ 28.3134, 13.6336,
47.5941

■ 65.2402, 85.6938,
59.5569

■ 28.2548, 13.5421,
47.5795

■ 65.3281, 85.7391,
59.5610

■ 65.4163, 85.7845,
59.5651

Harmonies

Analogous

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



33.3951, 30.9097, 62.5968



37.3956, 30.9097, 50.4496



39.2549, 30.9097, 35.7595

Triad

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



37.3956, 30.9097, 50.4496



30.1045, 30.9097, 13.9975



21.9993, 30.9097, 45.9155

Complementary

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



37.3956, 30.9097, 50.4496



31.8548, 41.9908, 28.9820

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.



21.3158, 30.9097, 31.6356



37.3956, 30.9097, 50.4496



25.6981, 30.9097, 15.3771

Square

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



37.3956, 30.9097, 50.4496



34.7716, 30.9097, 16.6328



22.5983, 30.9097, 21.0753



24.5745, 30.9097, 59.5303

Rectangle

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



37.3956, 30.9097, 50.4496



38.9007, 30.9097, 27.2870



22.5983, 30.9097, 21.0753



21.5531, 30.9097, 40.9448

Sweetspot

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



37.3966, 30.9111, 50.4503



78.9934, 77.9873, 95.0911



27.4625, 26.1484, 50.0546



17.1803, 16.7511, 20.8704



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.



37.3966, 30.9111, 50.4503



64.7773, 50.1697, 90.4710



35.2737, 30.0899, 38.0082



9.3634, 9.1537, 11.3528



19.0165, 9.1146, 32.0101



0.6758, 0.3241, 1.1287

Inverse Universe

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



33.1491, 29.2400, 26.8200



55.7291, 46.6130, 39.9953



33.5861, 42.6648, 38.9344



9.0114, 9.0149, 9.4076



13.6398, 7.0297, 0.7239



0.4832, 0.2488, 0.0380

Previews

White Background



This preview shows how the XYZ color 37.3956, 30.9097, 50.4496 looks on a white background.

Color Contrast Check

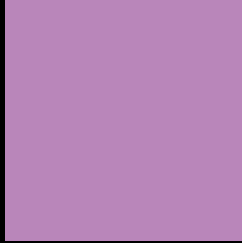
Large Text (above 18pt) WCAG AA × Fail

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 37.3956, 30.9097, 50.4496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

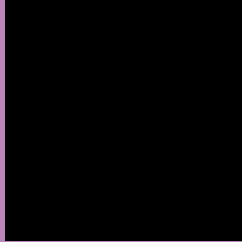
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.3956, 30.9097, 50.4496

Background



This preview shows how black text looks on a background with the XYZ color 37.3956, 30.9097, 50.4496.



This preview shows how white text looks on a background with the XYZ color 37.3956, 30.9097,

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

37.3956, 30.9097, 50.4496

Protanopia

31.6319, 31.3329, 57.2040

Deuteranopia

31.7148, 31.0827, 49.1278



Tritanopia

33.9332, 30.9874, 33.4709

Trichromacy



Original Color

37.3956, 30.9097, 50.4496

Protanomaly

33.3092, 30.8647, 54.6540

Deuteranomaly

33.5784, 30.8921, 49.5404

Tritanomaly

35.0807, 30.8024, 39.2185

Monochromacy



Original Color

37.3956, 30.9097, 50.4496

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

33.0425, 31.7276, 40.4589

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3956, 30.9097, 50.4496 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(185, 134, 186)` looks like.

```
.text, #text, p{  
    color:rgb(185, 134, 186)  
}
```

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(185, 134, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 134, 186) }
```

Border

The CSS property to change the border of an element to XYZ 37.3956, 30.9097, 50.4496 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(185, 134, 186) }
```


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

```
.border{ border-color:rgb(185, 134, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 134, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 134, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 134, 186);  
box-shadow:4px 4px 4px 4px rgb(185, 134,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3956, 30.9097, 50.4496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 134, 186) }
```

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

```
.background{ background-color: rgb(185,  
134, 186) }
```

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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