

Converting Colors

XYZ(37.0849, 29.8830, 51.2054)

Have a look what the booklet for
XYZ(37.0849, 29.8830, 51.2054)
contains.

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Color

**XYZ(37.0673, 29.9104,
51.3966)**

Conversions

Conversions Part 1

Format	Color
Hex	B982BC
RGB	185, 130, 188
RGB Percent	73%, 51%, 74%
CMY	0.2745, 0.4902, 0.2627
CMYK	0.02, 0.31, 0.00, 0.26
HSL	297°, 30%, 62%
HSV	297°, 31%, 74%
XYZ	37.0673, 29.9104, 51.3966
YIQ	153.0570, 14.1620, 29.6980

Conversions

Conversions Part 2

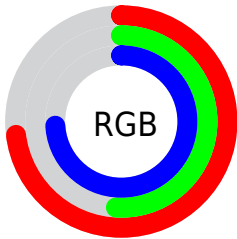
Format	Color
RYB	185, 130, 188
Decimal	12157628
CIELab	61.58, 30.92, -21.97
CIELCh	62, 37.932, 324.605
Yxy	29.9104, 0.3131, 0.2527
Android (android.graphics.Color)	4290347708 (0xFFB982BC)
YUV	153.0570, 17.2269, 28.0140
Hunter-Lab	54.6904, 25.2730, -17.4359

Details

The XYZ color **37.0673, 29.9104, 51.3966** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **31.6864, 42.5655, 27.6665**, and the grayscale version is **30.2270, 31.8011, 34.6314**.

A 20% lighter version of the original color is **70.0876, 59.6899, 93.4152**, and **16.6019, 12.3119, 24.4231** is the 20% darker color. If you saturate the color by 10%, you get **34.5580, 25.2383, 50.6275**, and if you desaturate by 10%, it is **40.0370, 35.4997, 52.3194**.

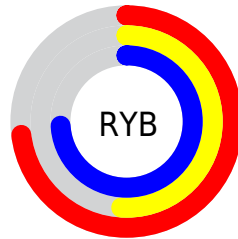
Distribution



Red (73%)

Green (51%)

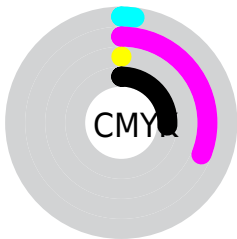
Blue (74%)



Red (73%)

Yellow (51%)

Blue (74%)

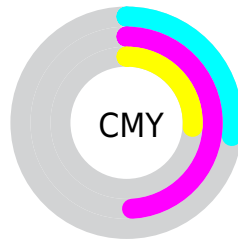


Cyan (2%)

Magenta (31%)

Yellow (0%)

Black (26%)



Cyan (27%)


Magenta (49%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.0673, 29.9104, 51.3966 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 37.0673, 29.9104, 51.3966 by changing the saturation by 10% instead.


 37.0673, 29.9104,
51.3966


 37.0673, 29.9104,
51.3966


324.9523,
301.4866, 408.9932


 25.4335, 19.7706,
36.1454


 69.9894, 59.5205,
93.6582

 16.5308, 12.2284,
24.2559


 92.0085, 79.7595,
121.5058

 9.9937, 6.8994,
15.3096


 118.2200,
104.1337, 154.3892

 5.4570, 3.3993,
8.8880

148.9894,
133.0275, 192.7270

 2.5553, 1.3436,
4.5724

184.6820,
166.8253, 236.9378

 0.9232, 0.1746,
1.9443

225.6631,

 0.0000, 0.0000,

205.9115, 287.4400

0.5207

272.2980,
250.6705, 344.6523

■ 0.0000, 0.0000,
0.0000

■ 37.0673, 29.9104,
51.3966

■ 37.0673, 29.9104,
51.3966

■ 34.5580, 25.2383,
50.6275

■ 40.0370, 35.4997,
52.3194

■ 32.4813, 21.4296,
50.0018

■ 43.4872, 42.0483,
53.4015

■ 30.8109, 18.4310,
49.5110

■ 47.4403, 49.6004,
54.6509

■ 29.5164, 16.1819,
49.1452

■ 51.9166, 58.1963,
56.0741

■ 28.5630, 14.6129,
48.8925

■ 56.9351, 67.8742,
57.6776

■ 27.9098, 13.6417,
48.7395

■ 62.5138, 78.6703,
59.4675

■ 27.5010, 13.1287,
48.6620

■ 66.5267, 86.3323,
60.7349

■ 66.7735, 86.4594,
60.7464

■ 67.0218, 86.5875,
60.7580

Harmonies

Analogous

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



32.6503, 29.9104, 64.8131



37.0673, 29.9104, 51.3966



39.1895, 29.9104, 35.2427

Triad

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



37.0673, 29.9104, 51.3966



29.3484, 29.9104, 12.0377



20.5087, 29.9104, 45.5193

Complementary

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



37.0673, 29.9104, 51.3966



31.6864, 42.5655, 27.6665

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.



19.8439, 29.9104, 30.0309



37.0673, 29.9104, 51.3966



24.5881, 29.9104, 13.3127

Square

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



37.0673, 29.9104, 51.3966



34.4089, 29.9104, 14.7999



21.2491, 29.9104, 19.0105



23.1853, 29.9104, 60.7779

Rectangle

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



37.0673, 29.9104, 51.3966



38.8564, 29.9104, 26.0686



21.2491, 29.9104, 19.0105



20.0569, 29.9104, 40.0653

Sweetspot

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



37.0683, 29.9117, 51.3972



79.9672, 78.4042, 97.1450



26.7910, 25.3915, 51.0664



16.9836, 16.4547, 20.8235



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.



37.0683, 29.9117, 51.3972



64.0179, 48.3110, 92.1771



35.3216, 29.2975, 38.3821



9.8799, 9.6705, 12.0181



18.7437, 8.9488, 33.1323



0.7493, 0.3583, 1.2985

Inverse Universe

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



32.9563, 28.3514, 25.9271



55.4291, 45.0618, 38.5357



33.1178, 43.0841, 37.6409



9.5496, 9.5442, 10.0174



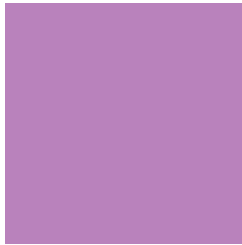
14.1650, 7.2972, 0.8967



0.5618, 0.2886, 0.0715

Previews

White Background



This preview shows how the XYZ color 37.0673, 29.9104, 51.3966 looks on a white background.

Color Contrast Check

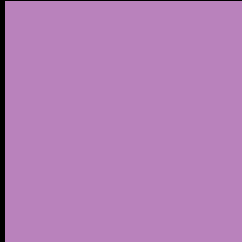
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.0673, 29.9104, 51.3966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

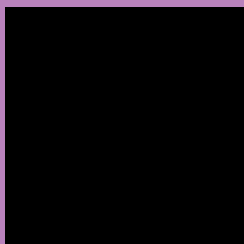
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 37.0673, 29.9104, 51.3966

Background



This preview shows how black text looks on a background with the XYZ color 37.0673, 29.9104, 51.3966.



This preview shows how white text looks on a background with the XYZ color 37.0673, 29.9104,

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

37.0673, 29.9104, 51.3966

Protanopia

30.8078, 30.1528, 59.4547

Deuteranopia

30.7129, 30.0803, 50.0863



Tritanopia

33.2562, 30.0184, 32.0583

Trichromacy



Original Color

37.0673, 29.9104, 51.3966

Protanomaly

32.6256, 29.8076, 56.2584

Deuteranomaly

32.7382, 29.7749, 50.4760

Tritanomaly

34.5662, 29.9174, 38.6031

Monochromacy



Original Color

37.0673, 29.9104, 51.3966

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

32.5254, 31.0033, 40.3464

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.0673, 29.9104, 51.3966 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, 130, 188)` looks like.

```
.text, #text, p{  
    color:rgb(185, 130, 188)  
}
```

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, 130, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 130, 188) }
```

Border

The CSS property to change the border of an element to XYZ 37.0673, 29.9104, 51.3966 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, 130, 188) }
```


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

```
.border{ border-color:rgb(185, 130, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 130, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 130, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 130, 188);  
box-shadow:4px 4px 4px 4px rgb(185, 130,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0673, 29.9104, 51.3966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 130, 188) }
```

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

```
.background{ background-color: rgb(185,  
130, 188) }
```

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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