

Converting Colors

XYZ(36.7167, 29.8129, 50.3573)

Have a look what the booklet for
XYZ(36.7167, 29.8129, 50.3573)
contains.

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Color

**XYZ(36.6127, 29.7008,
50.2575)**

Conversions

Conversions Part 1

Format	Color
Hex	B882BA
RGB	184, 130, 186
RGB Percent	72%, 51%, 73%
CMY	0.2784, 0.4902, 0.2706
CMYK	0.01, 0.30, 0.00, 0.27
HSL	298°, 29%, 62%
HSV	298°, 30%, 73%
XYZ	36.6127, 29.7008, 50.2575
YIQ	152.5300, 14.2080, 28.8640

Conversions

Conversions Part 2

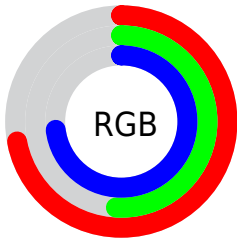
Format	Color
RYB	184, 130, 186
Decimal	12092090
CIELab	61.40, 30.20, -21.12
CIElCh	61, 36.859, 325.031
Yxy	29.7008, 0.3141, 0.2548
Android (android.graphics.Color)	4290282170 (0xFFB882BA)
YUV	152.5300, 16.5007, 27.5992
Hunter-Lab	54.4984, 24.5462, -16.5273

Details

The XYZ color **36.6127, 29.7008, 50.2575** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **31.1050, 41.6358, 27.5177**, and the grayscale version is **30.0015, 31.5639, 34.3731**.

A 20% lighter version of the original color is **69.4431, 59.3926, 91.8083**, and **16.3082, 12.1766, 23.6811** is the 20% darker color. If you saturate the color by 10%, you get **34.2003, 25.1111, 49.4992**, and if you desaturate by 10%, it is **39.4749, 35.1878, 51.1662**.

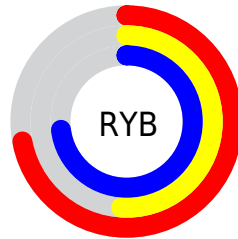
Distribution



Red (72%)

Green (51%)

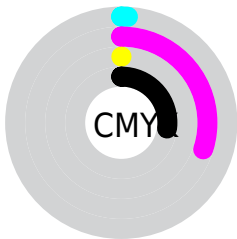
Blue (73%)



Red (72%)

Yellow (51%)

Blue (73%)

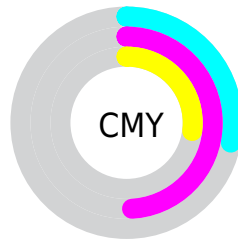


Cyan (1%)

Magenta (30%)

Yellow (0%)

Black (27%)



Cyan (28%)


Magenta (49%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.6127, 29.7008, 50.2575 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 36.6127, 29.7008, 50.2575 by changing the saturation by 10% instead.


 36.6127, 29.7008,
50.2575


 36.6127, 29.7008,
50.2575


323.0154,
300.5073, 404.4360


 25.0801, 19.6116,
35.2454


 69.2944, 59.1887,
91.9565

 16.2658, 12.1130,
23.5669

 91.1742, 79.3562,
119.4805

 9.8044, 6.8207,
14.8035


 117.2338,
103.6519, 152.0123

 5.3308, 3.3502,
8.5365

147.8384,
132.4602, 189.9703

 2.4794, 1.3172,
4.3474

183.3536,
166.1655, 233.7732

 0.8849, 0.1545,
1.8178

224.1446,

 0.0000, 0.0000,

205.1521, 283.8393

0.4397

270.5767,
249.8046, 340.5874

■ 0.0000, 0.0000,
0.0000

■ 36.6127, 29.7008,
50.2575

■ 36.6127, 29.7008,
50.2575

■ 34.2003, 25.1111,
49.4992

■ 39.4749, 35.1878,
51.1662

■ 32.2109, 21.3668,
48.8813

■ 42.8064, 41.6129,
52.2308

■ 30.6188, 18.4162,
48.3957


■ 46.6290, 49.0190,
53.4588


■ 29.3949, 16.2007,
48.0326


■ 50.9621, 57.4452,
54.8569

■ 28.5058, 14.6537,
47.7808


■ 55.8244, 66.9286,
56.4311


 27.9120, 13.6962,
47.6273

 61.2333, 77.5041,
58.1873

 27.5364, 13.1717,
47.5459

 65.5227, 85.8394,
59.5701

 65.6875, 85.9243,
59.5778

 65.8530, 86.0097,
59.5855

Harmonies

Analogous

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



32.3768, 29.7008, 63.2040



36.6127, 29.7008, 50.2575



38.6153, 29.7008, 34.7161

Triad

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



36.6127, 29.7008, 50.2575



29.0479, 29.7008, 12.3146



20.5719, 29.7008, 45.0544

Complementary

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



36.6127, 29.7008, 50.2575



31.1050, 41.6358, 27.5177

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.



19.8963, 29.7008, 30.0732



36.6127, 29.7008, 50.2575



24.4528, 29.7008, 13.6281

Square

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



36.6127, 29.7008, 50.2575



33.9393, 29.7008, 14.9748



21.2352, 29.7008, 19.2836



23.1993, 29.7008, 59.6448

Rectangle

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



36.6127, 29.7008, 50.2575



38.2652, 29.7008, 25.8752



21.2352, 29.7008, 19.2836



20.1228, 29.7008, 39.7988

Sweetspot

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



36.6136, 29.7021, 50.2581



78.2122, 76.6313, 94.8705



26.4303, 25.0128, 49.8897



17.0141, 16.4704, 20.8249



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.



36.6136, 29.7021, 50.2581



63.4350, 48.2562, 90.1724



34.6487, 28.9719, 37.3929



9.3484, 9.1460, 11.3521



18.5395, 8.8687, 31.9878



0.6635, 0.3178, 1.1281

Inverse Universe

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



32.3982, 28.0717, 25.5420



54.6167, 44.8515, 38.1960



32.6991, 42.2377, 37.5289



9.0173, 9.0173, 9.4383



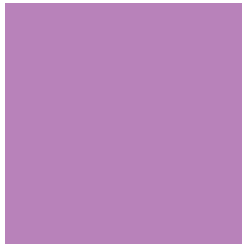
13.6538, 7.0353, 0.7978



0.4857, 0.2498, 0.0514

Previews

White Background



This preview shows how the XYZ color 36.6127, 29.7008, 50.2575 looks on a white background.

Color Contrast Check

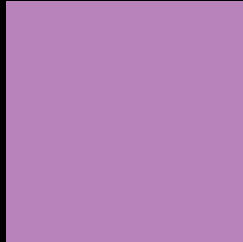
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.6127, 29.7008, 50.2575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

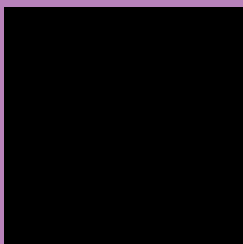
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.6127, 29.7008, 50.2575

Background



This preview shows how black text looks on a background with the XYZ color 36.6127, 29.7008, 50.2575.



This preview shows how white text looks on a background with the XYZ color 36.6127, 29.7008,

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

36.6127, 29.7008, 50.2575

Protanopia

30.4583, 30.0130, 57.6138

Deuteranopia

30.3497, 29.6894, 48.9308



Tritanopia

32.8814, 29.6131, 31.9998

Trichromacy



Original Color

36.6127, 29.7008, 50.2575

Protanomaly

32.2114, 29.6202, 55.0585

Deuteranomaly

32.3279, 29.5878, 49.3546

Tritanomaly

34.1027, 29.4826, 38.0757

Monochromacy



Original Color

36.6127, 29.7008, 50.2575

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

32.2268, 30.8599, 39.8553

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6127, 29.7008, 50.2575 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(184, 130, 186)` looks like.

```
.text, #text, p{  
    color:rgb(184, 130, 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(184, 130, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 130, 186) }
```

Border

The CSS property to change the border of an element to XYZ 36.6127, 29.7008, 50.2575 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(184, 130, 186) }
```


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

```
.border{ border-color:rgb(184, 130, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 130, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 130, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 130, 186);  
box-shadow:4px 4px 4px 4px rgb(184, 130,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6127, 29.7008, 50.2575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 130, 186) }
```

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

```
.background{ background-color: rgb(184,  
130, 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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