

Converting Colors

XYZ(35.3481, 30.1497, 47.0047)

Have a look what the booklet for
XYZ(35.3481, 30.1497, 47.0047)
contains.

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Color

**XYZ(35.2623, 30.0882,
47.1291)**

Conversions

Conversions Part 1

Format	Color
Hex	B287B4
RGB	178, 135, 180
RGB Percent	70%, 53%, 71%
CMY	0.3020, 0.4706, 0.2941
CMYK	0.01, 0.25, 0.00, 0.29
HSL	297°, 23%, 62%
HSV	297°, 25%, 71%
XYZ	35.2623, 30.0882, 47.1291
YIQ	152.9870, 11.1830, 23.1110

Conversions

Conversions Part 2

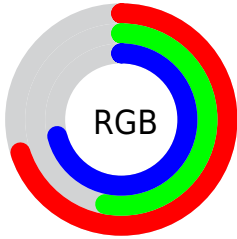
Format	Color
R_{YB}	178, 135, 180
Decimal	11700148
CIE _{Lab}	61.73, 24.23, -17.27
CIE _{LCh}	62, 29.756, 324.520
Yxy	30.0882, 0.3135, 0.2675
Android (android.graphics.Color)	4289890228 (0xFFB287B4)
YUV	152.9870, 13.3174, 21.9364
Hunter-Lab	54.8527, 18.7572, -12.5447

Details

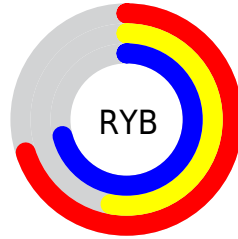
The XYZ color **35.2623, 30.0882, 47.1291** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **31.0120, 39.7109, 28.9536**, and the grayscale version is **30.2139, 31.7874, 34.6164**.

A 20% lighter version of the original color is **67.2696, 59.9437, 87.3817**, and **15.5367, 12.3893, 21.6512** is the 20% darker color. If you saturate the color by 10%, you get **32.7774, 25.3896, 46.3536**, and if you desaturate by 10%, it is **38.1747, 35.6391, 48.0475**.

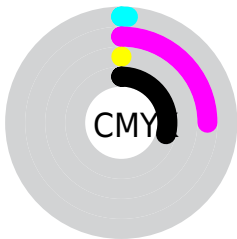
Distribution



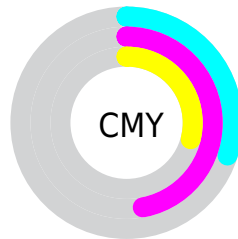
- Red (70%)
- Green (53%)
- Blue (71%)



- Red (70%)
- Yellow (53%)
- Blue (71%)



- Cyan (1%)
- Magenta (25%)
- Yellow (0%)
- Black (29%)





- Cyan (30%)
- Magenta (47%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.2623, 30.0882, 47.1291 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 35.2623, 30.0882, 47.1291 by changing the saturation by 10% instead.


 35.2623, 30.0882,
47.1291


 35.2623, 30.0882,
47.1291

317.2124,
302.3154, 391.7383


 24.0325, 19.9055,
32.7826


 67.2233, 59.8016,
87.2583

 15.4826, 12.3264,
21.6902


 88.6851, 80.1012,
113.8781

 9.2473, 6.9664,
13.4333


 114.2883,
104.5419, 145.4261

 4.9612, 3.4411,
7.5934

144.3982,
133.5080, 182.3209

 2.2590, 1.3661,
3.7519

179.3802,
167.3840, 224.9810

 0.7736, 0.1915,
1.4902

219.5997,

 0.0000, 0.0000,

206.5543, 273.8249

0.2106

265.4220,
251.4033, 329.2711

■ 0.0000, 0.0000,
0.0000

■ 35.2623, 30.0882,
47.1291

■ 35.2623, 30.0882,
47.1291

■ 32.7774, 25.3896,
46.3536

■ 38.1747, 35.6391,
48.0475

■ 30.6960, 21.4967,
45.7119

■ 41.5316, 42.0782,
49.1134

■ 28.9956, 18.3645,
45.1969

■ 45.3527, 49.4438,
50.3337

■ 27.6508, 15.9418,
44.8002

■ 49.6553, 57.7711,
51.7143

■ 26.6328, 14.1713,
44.5121

■ 54.4563, 67.0933,
53.2606

■ 25.9086, 12.9866,
44.3216

■ 59.7713, 77.4420,
54.9780

■ 25.4377, 12.3070,
44.2152

■ 63.6699, 84.9564,
56.2229

■ 25.2520, 12.0662,
44.1785

■ 63.8615, 85.0552,
56.2319

■ 64.0542, 85.1545,
56.2409

Harmonies

Analogous

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



31.8782, 30.0882, 56.8956



35.2623, 30.0882, 47.1291



36.8730, 30.0882, 34.8893

Triad

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



35.2623, 30.0882, 47.1291



29.3317, 30.0882, 15.4860



22.2106, 30.0882, 42.6775

Complementary

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



35.2623, 30.0882, 47.1291



31.0120, 39.7109, 28.9536

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.



21.6639, 30.0882, 30.7210



35.2623, 30.0882, 47.1291



25.5508, 30.0882, 16.6476

Square

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



35.2623, 30.0882, 47.1291



33.2524, 30.0882, 18.0101



22.8311, 30.0882, 21.6573



24.3995, 30.0882, 53.9376

Rectangle

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



35.2623, 30.0882, 47.1291



36.6265, 30.0882, 27.5886



22.8311, 30.0882, 21.6573



21.8377, 30.0882, 38.5424

Sweetspot

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



35.2632, 30.0895, 47.1297



73.9443, 73.6807, 88.6191



27.2124, 26.4101, 46.8439



15.9027, 15.7726, 19.1285



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.2632, 30.0895, 47.1297



61.3603, 49.6725, 84.6483



33.8106, 29.5619, 37.0682



8.8120, 8.6271, 10.7071



17.6396, 8.4294, 30.8343



0.5664, 0.2711, 0.9707

Inverse Universe

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



32.0027, 28.8387, 27.5479



54.4511, 47.0268, 42.9350



32.2514, 40.1691, 37.1753



8.5112, 8.5112, 8.9242



13.1741, 6.7872, 0.8109



0.4195, 0.2156, 0.0520

Previews

White Background



This preview shows how the XYZ color 35.2623, 30.0882, 47.1291 looks on a white background.

Color Contrast Check

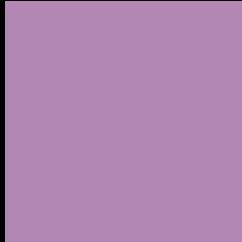
Large Text (above 18pt) WCAG AA × Fail

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 35.2623, 30.0882, 47.1291 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 35.2623, 30.0882, 47.1291

Background



This preview shows how black text looks on a background with the XYZ color 35.2623, 30.0882, 47.1291.



This preview shows how white text looks on a background with the XYZ color 35.2623, 30.0882,

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

35.2623, 30.0882, 47.1291

Protanopia

30.4227, 30.3429, 52.3974

Deuteranopia

30.8924, 30.2562, 46.3313



Tritanopia

32.4196, 29.9892, 33.3580

Trichromacy



Original Color

35.2623, 30.0882, 47.1291

Protanomaly

31.8223, 29.9624, 50.5605

Deuteranomaly

32.3069, 30.0743, 46.7500

Tritanomaly

33.2893, 29.8996, 38.1991

Monochromacy



Original Color

35.2623, 30.0882, 47.1291

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.7900, 30.8835, 38.9359

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2623, 30.0882, 47.1291 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(178, 135, 180)` looks like.

```
.text, #text, p{  
    color:rgb(178, 135, 180)  
}
```

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(178, 135, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 135, 180) }
```

Border

The CSS property to change the border of an element to XYZ 35.2623, 30.0882, 47.1291 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(178, 135, 180) }
```


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

```
.border{ border-color:rgb(178, 135, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 135, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 135, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 135, 180);  
box-shadow:4px 4px 4px 4px rgb(178, 135,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2623, 30.0882, 47.1291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 135, 180) }
```

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

```
.background{ background-color: rgb(178,  
135, 180) }
```

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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