

Converting Colors

XYZ(35.5325, 28.5845, 48.9920)

Have a look what the booklet for
XYZ(35.5325, 28.5845, 48.9920)
contains.

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Color

**XYZ(35.5325, 28.5845,
48.9920)**

Conversions

Conversions Part 1

Format	Color
Hex	B67FB8
RGB	182, 127, 184
RGB Percent	71%, 50%, 72%
CMY	0.2863, 0.5019, 0.2784
CMYK	0.01, 0.31, 0.00, 0.28
HSL	298°, 29%, 61%
HSV	298°, 31%, 72%
XYZ	35.5325, 28.5845, 48.9920
YIQ	149.9430, 14.4830, 29.3870

Conversions

Conversions Part 2

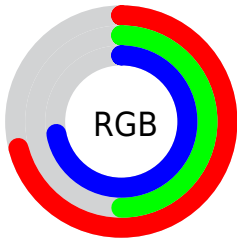
Format	Color
R_{YB}	182, 127, 184
Decimal	11960248
CIE _{Lab}	60.41, 30.82, -21.51
CIE _{LCh}	60, 37.587, 325.092
Yxy	28.5845, 0.3141, 0.2527
Android (android.graphics.Color)	4290150328 (0xFFB67FB8)
YUV	149.9430, 16.7901, 28.1140
Hunter-Lab	53.4645, 25.0683, -16.9051

Details

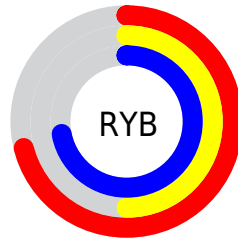
The XYZ color **35.5325, 28.5845, 48.9920** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **30.0255, 40.4811, 26.3112**, and the grayscale version is **28.8928, 30.3975, 33.1028**.

A 20% lighter version of the original color is **67.6460, 57.2845, 89.9298**, and **15.6527, 11.5356, 22.8743** is the 20% darker color. If you saturate the color by 10%, you get **33.2179, 24.1805, 48.2644**, and if you desaturate by 10%, it is **38.2836, 33.8593, 49.8656**.

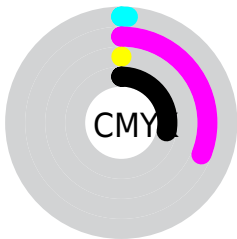
Distribution



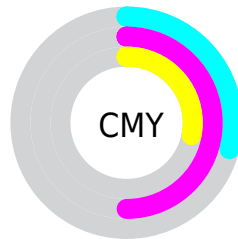
- Red (71%)
- Green (50%)
- Blue (72%)



- Red (71%)
- Yellow (50%)
- Blue (72%)



- Cyan (1%)
- Magenta (31%)
- Yellow (0%)
- Black (28%)




- Cyan (29%)
- Magenta (50%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5325, 28.5845, 48.9920 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 35.5325, 28.5845, 48.9920 by changing the saturation by 10% instead.

 35.5325, 28.5845,
48.9920


 35.5325, 28.5845,
48.9920


318.3795,
295.2494, 399.3324

 24.2418, 18.7667,
34.2476


 67.6385, 57.4163,
90.0604

 15.6388, 11.5018,
22.8050


 89.1845, 77.1991,
117.2215

 9.3581, 6.4054,
14.2456


 114.8796,
101.0723, 149.3586

 5.0345, 3.0932,
8.1510

145.0892,
129.4205, 186.8902

 2.3025, 1.1806,
4.1026

180.1786,
162.6278, 230.2348

 0.7959, 0.0457,
1.6818

220.5132,

 0.0000, 0.0000,

201.0789, 279.8110

0.3482

266.4584,
245.1579, 336.0374

■ 0.0000, 0.0000,
0.0000

■ 35.5325, 28.5845,
48.9920

■ 35.5325, 28.5845,
48.9920

■ 33.2179, 24.1805,
48.2644

■ 38.2836, 33.8593,
49.8656

■ 31.3134, 20.5963,
47.6729

■ 41.4903, 40.0448,
50.8905

■ 29.7940, 17.7812,
47.2096

■ 45.1739, 47.1830,
52.0741

■ 28.6309, 15.6776,
46.8649

■ 49.3535, 55.3123,
53.4230

■ 27.7911, 14.2198,
46.6278

■ 54.0473, 64.4688,
54.9430

■ 27.2357, 13.3296,
46.4852

■ 59.2724, 74.6870,
56.6399

■ 26.9079, 12.8721,
46.4142

■ 64.7880, 85.4850,
58.4334

■ 64.9458, 85.5664,
58.4408

■ 65.1042, 85.6481,
58.4482

Harmonies

Analogous

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



31.3070, 28.5845, 62.0178



35.5325, 28.5845, 48.9920



37.5295, 28.5845, 33.4590

Triad

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



35.5325, 28.5845, 48.9920



27.9723, 28.5845, 11.4125



19.5858, 28.5845, 43.8419

Complementary

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



35.5325, 28.5845, 48.9920



30.0255, 40.4811, 26.3112

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.



18.9153, 28.5845, 28.8996



35.5325, 28.5845, 48.9920



23.4121, 28.5845, 12.6955

Square

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



35.5325, 28.5845, 48.9920



32.8467, 28.5845, 13.9908



20.2326, 28.5845, 18.2329



22.1860, 28.5845, 58.4783

Rectangle

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



35.5325, 28.5845, 48.9920



37.1750, 28.5845, 24.6905



20.2326, 28.5845, 18.2329



19.1414, 28.5845, 38.5872

Sweetspot

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



35.5334, 28.5858, 48.9926



76.3654, 74.8230, 92.6220



25.3680, 23.8995, 48.6238



16.2651, 15.7478, 19.9040



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



35.5334, 28.5858, 48.9926



61.5399, 46.3440, 87.9064



33.5592, 27.8510, 36.1140



9.3490, 9.1463, 11.3521



18.5575, 8.8780, 31.9886



0.6639, 0.3180, 1.1281

Inverse Universe

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



31.3199, 26.9553, 24.3223



52.7447, 42.9467, 36.1349



31.6148, 41.0821, 36.2501



9.0170, 9.0172, 9.4371



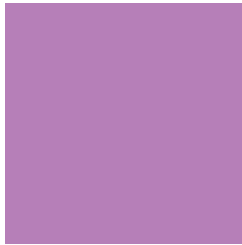
13.6533, 7.0351, 0.7950



0.4856, 0.2497, 0.0509

Previews

White Background



This preview shows how the XYZ color 35.5325, 28.5845, 48.9920 looks on a white background.

Color Contrast Check

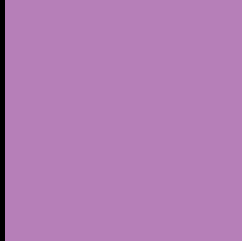
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.5325, 28.5845, 48.9920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

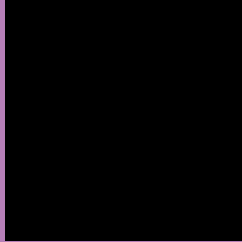
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.5325, 28.5845, 48.9920

Background



This preview shows how black text looks on a background with the XYZ color 35.5325, 28.5845, 48.9920.



This preview shows how white text looks on a background with the XYZ color 35.5325, 28.5845,

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

35.5325, 28.5845, 48.9920

Protanopia

29.4114, 28.8030, 56.8327

Deuteranopia

29.3183, 28.7319, 47.7166



Tritanopia

31.9063, 28.7194, 30.6498

Trichromacy



Original Color

35.5325, 28.5845, 48.9920

Protanomaly

31.1806, 28.4668, 53.7204

Deuteranomaly

31.2938, 28.4368, 48.0955

Tritanomaly

33.0997, 28.5894, 36.5747

Monochromacy



Original Color

35.5325, 28.5845, 48.9920

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

31.0949, 29.6360, 38.2639

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5325, 28.5845, 48.9920 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(182, 127, 184)` looks like.

```
.text, #text, p{  
    color:rgb(182, 127, 184)  
}
```

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(182, 127, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 127, 184) }
```

Border

The CSS property to change the border of an element to XYZ 35.5325, 28.5845, 48.9920 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(182, 127, 184) }
```


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

```
.border{ border-color:rgb(182, 127, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 127, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 127, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 127, 184);  
box-shadow:4px 4px 4px 4px rgb(182, 127,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5325, 28.5845, 48.9920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 127, 184) }
```

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

```
.background{ background-color: rgb(182,  
127, 184) }
```

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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