

Converting Colors

XYZ(44.2442, 26.1336, 68.1850)

Have a look what the booklet for
XYZ(44.2442, 26.1336, 68.1850)
contains.

XYZ(44.3882, 26.2585, 68.3745)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(44.3882, 26.2585,
68.3745)**

Conversions

Conversions Part 1

Format	Color
Hex	D955D9
RGB	217, 85, 217
RGB Percent	85%, 33%, 85%
CMY	0.1490, 0.6666, 0.1490
CMYK	0.00, 0.61, 0.00, 0.15
HSL	300°, 63%, 59%
HSV	300°, 61%, 85%
XYZ	44.3882, 26.2585, 68.3745
YIQ	139.5160, 36.3000, 69.0360

Conversions

Conversions Part 2

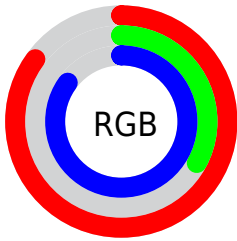
Format	Color
RYB	217, 85, 217
Decimal	14243289
CIELab	58.28, 67.74, -43.20
CIELCh	58, 80.344, 327.477
Yxy	26.2585, 0.3193, 0.1889
Android (android.graphics.Color)	4292433369 (0xFFD955D9)
YUV	139.5160, 38.1996, 67.9535
Hunter-Lab	51.2430, 64.9465, -43.2416

Details

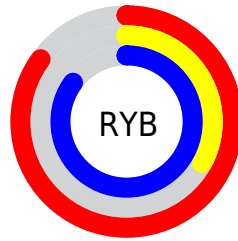
The XYZ color **44.3882, 26.2585, 68.3745** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **30.2001, 52.2141, 17.0824**, and the grayscale version is **24.5881, 25.8686, 28.1709**.

A 20% lighter version of the original color is **68.9630, 47.8260, 100.2043**, and **20.9767, 10.2936, 35.0637** is the 20% darker color. If you saturate the color by 10%, you get **42.9347, 23.3507, 67.8901**, and if you desaturate by 10%, it is **46.3673, 30.2160, 69.0345**.

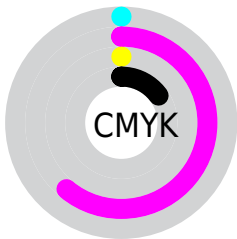
Distribution



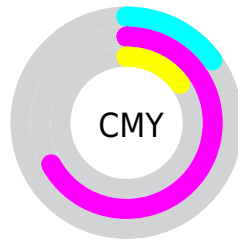
- Red (85%)
- Green (33%)
- Blue (85%)



- Red (85%)
- Yellow (33%)
- Blue (85%)



- Cyan (0%)
- Magenta (61%)
- Yellow (0%)
- Black (15%)





- Cyan (15%)
- Magenta (67%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.3882, 26.2585, 68.3745 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 44.3882, 26.2585, 68.3745 by changing the saturation by 10% instead.


 44.3882, 26.2585,
68.3745


 44.3882, 26.2585,
68.3745


355.1156,
284.0487, 473.4558

 31.1750, 17.0171,
49.7339


 81.0443, 53.6917,
118.5470


 20.8846, 10.2467,
34.8323


 105.2180, 72.6523,
150.9160

 13.1517, 5.5628,
23.2512


 133.7758, 95.6214,
188.6981

 7.6108, 2.5811,
14.5721

 167.0832,
122.9834, 232.3120

 3.8966, 0.9172,
8.3763

205.5056,
155.1228, 282.1762

 1.6438, 0.0000,
4.2455

249.4082,

 0.4207, 0.0000,

192.4239, 338.7092

1.7610

299.1564,
235.2711, 402.3295

■ 0.0000, 0.0000,
0.4020

■ 0.0000, 0.0000,
0.0000

■ 44.3882, 26.2585,
68.3745

■ 44.3882, 26.2585,
68.3745

■ 42.9347, 23.3507,
67.8901

■ 46.3673, 30.2160,
69.0345

■ 41.9542, 21.3898,
67.5632


■ 48.9125, 35.3063,
69.8831


■ 41.3886, 20.2587,
67.3745

■ 52.0636, 41.6085,
70.9335


■ 41.1401, 19.7617,
67.2916


■ 55.8560, 49.1933,
72.1978

 60.3225, 58.1262,
73.6867

 65.4935, 68.4682,
75.4105

 71.3977, 80.2764,
77.3787

 76.9004, 91.2818,
79.2130

 76.9004, 91.2818,
79.2131

Harmonies

Analogous

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



34.6693, 26.2585, 107.8289



44.3882, 26.2585, 68.3745



48.8269, 26.2585, 31.0254

Triad

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



44.3882, 26.2585, 68.3745



25.7941, 26.2585, 1.4870



11.7245, 26.2585, 61.2978

Complementary

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



44.3882, 26.2585, 68.3745



30.2001, 52.2141, 17.0824

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.



10.5000, 26.2585, 26.2875



44.3882, 26.2585, 68.3745



17.2539, 26.2585, 2.4929

Square

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



44.3882, 26.2585, 68.3745



36.4833, 26.2585, 2.9882



12.2314, 26.2585, 8.3220



16.1581, 26.2585, 102.1917

Rectangle

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



44.3882, 26.2585, 68.3745



47.5106, 26.2585, 15.2843



12.2314, 26.2585, 8.3220



10.9840, 26.2585, 47.9872

Sweetspot

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



44.3892, 26.2597, 68.3750



82.1149, 74.1300, 104.5880



19.5204, 13.4394, 67.2119



17.1951, 15.1051, 22.2592



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



44.3892, 26.2597, 68.3750



61.4087, 32.7177, 97.6850



37.4509, 23.4844, 31.8388



13.6144, 13.2749, 16.4969



24.9036, 11.9625, 40.7341



1.6134, 0.7750, 2.6390

Inverse Universe

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



44.3892, 26.2597, 68.3750



61.4087, 32.7177, 97.6850



34.1463, 53.7926, 37.8631



13.6144, 13.2749, 16.4969



24.9036, 11.9625, 40.7341



1.6134, 0.7750, 2.6390

Previews

White Background



This preview shows how the XYZ color 44.3882, 26.2585, 68.3745 looks on a white background.

Color Contrast Check

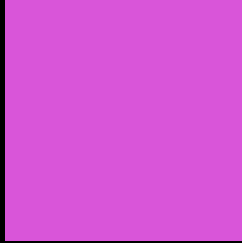
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.3882, 26.2585, 68.3745 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 44.3882, 26.2585, 68.3745

Background



This preview shows how black text looks on a background with the XYZ color 44.3882, 26.2585, 68.3745.



This preview shows how white text looks on a background with the XYZ color 44.3882, 26.2585,

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

44.3882, 26.2585, 68.3745

Protanopia

30.4753, 26.9052, 98.1947

Deuteranopia

27.3188, 26.6897, 63.3863



Tritanopia

34.6990, 26.0906, 21.2963

Trichromacy



Original Color

44.3882, 26.2585, 68.3745



Protanomaly

31.7157, 24.1330, 86.2056



Deuteranomaly

31.0520, 24.6201, 64.7436



Tritanomaly

37.3305, 25.6047, 34.4272

Monochromacy



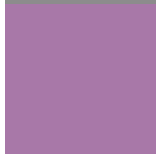
Original Color

44.3882, 26.2585, 68.3745



Achromatopsia

24.9269, 26.2251, 28.5591



Achromatomaly

29.9328, 24.5849, 40.2135

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.3882, 26.2585, 68.3745 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(217, 85, 217)` looks like.

```
.text, #text, p{  
    color:rgb(217, 85, 217)  
}
```

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(217, 85, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 85, 217) }
```

Border

The CSS property to change the border of an element to XYZ 44.3882, 26.2585, 68.3745 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(217, 85, 217) }
```


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

```
.border{ border-color:rgb(217, 85, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 85, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 85, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 85, 217);  
box-shadow:4px 4px 4px 4px rgb(217, 85,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 44.3882, 26.2585, 68.3745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 85, 217) }
```

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

```
.background{ background-color: rgb(217, 85,  
217) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor