

Converting Colors

XYZ(43.7893, 25.3616, 58.2351)

Have a look what the booklet for
XYZ(43.7893, 25.3616, 58.2351)
contains.

XYZ(43.8165, 25.4010, 58.4706)	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(43.8165, 25.4010,
58.4706)**

Conversions

Conversions Part 1

Format	Color
Hex	DF4ECA
RGB	223, 78, 202
RGB Percent	87%, 31%, 79%
CMY	0.1255, 0.6941, 0.2078
CMYK	0.00, 0.65, 0.09, 0.13
HSL	309°, 69%, 59%
HSV	309°, 65%, 87%
XYZ	43.8165, 25.4010, 58.4706
YIQ	135.4910, 46.6160, 69.3040

Conversions

Conversions Part 2

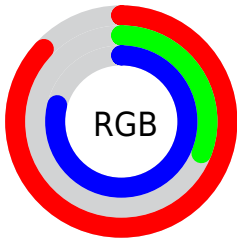
Format	Color
R _Y B	223, 78, 202
Decimal	14634698
CIE Lab	57.46, 69.60, -35.90
CIE LCh	57, 78.310, 332.713
Yxy	25.4010, 0.3432, 0.1989
Android (android.graphics.Color)	4292824778 (0xFFDF4ECA)
YUV	135.4910, 32.7889, 76.7454
Hunter-Lab	50.3994, 66.9863, -33.5054

Details

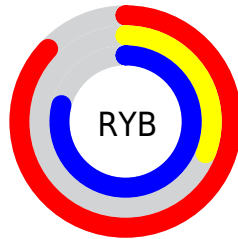
The XYZ color **43.8165, 25.4010, 58.4706** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **31.7829, 55.2970, 20.8045**, and the grayscale version is **23.0824, 24.2845, 26.4459**.

A 20% lighter version of the original color is **68.0942, 46.0883, 99.9147**, and **20.5763, 9.9991, 28.4493** is the 20% darker color. If you saturate the color by 10%, you get **42.1140, 22.6010, 56.0361**, and if you desaturate by 10%, it is **46.0657, 29.2804, 61.1273**.

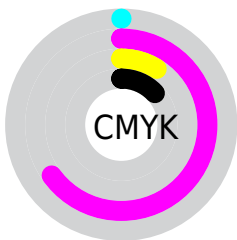
Distribution



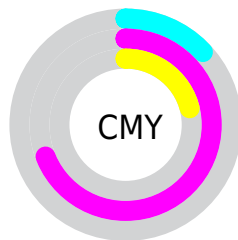
- Red (87%)
- Green (31%)
- Blue (79%)



- Red (87%)
- Yellow (31%)
- Blue (79%)



- Cyan (0%)
- Magenta (65%)
- Yellow (9%)
- Black (13%)




- Cyan (13%)
- Magenta (69%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.8165, 25.4010, 58.4706 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 43.8165, 25.4010, 58.4706 by changing the saturation by 10% instead.


 43.8165, 25.4010,
58.4706


 43.8165, 25.4010,
58.4706

352.8238,
279.8291, 436.5843

 30.7236, 16.3761,
41.7699


 80.1896, 52.3070,
104.1294


 20.5392, 9.7907,
28.5969


 104.2005, 70.9569,
133.9245

 12.8982, 5.2604,
18.5332


 132.5814, 93.5839,
168.9216

 7.4350, 2.4008,
11.1601

 165.6977,
120.5723, 209.5391

 3.7843, 0.8263,
6.0591

203.9147,
152.3067, 256.1956

 1.5809, 0.0000,
2.8117

247.5979,

 0.3799, 0.0000,

189.1714, 309.3096

0.9993

297.1124,
231.5507, 369.2997

■ 0.0000, 0.0000,
0.0000

■ 43.8165, 25.4010,
58.4706

■ 43.8165, 25.4010,
58.4706

■ 42.1140, 22.6010,
56.0361

■ 46.0657, 29.2804,
61.1273

■ 40.8986, 20.7632,
53.8030

■ 48.9080, 34.3336,
64.0212


■ 40.1016, 19.7495,
51.7483


■ 52.3876, 40.6485,
67.1675


■ 39.8030, 19.4366,
50.7723


■ 56.5440, 48.3038,
70.5795

■ 61.4133, 57.3719,
74.2697

 67.0290, 67.9197,
78.2493

 73.4227, 80.0101,
82.5291

 80.1731, 92.8007,
86.9689

 80.6254, 92.9816,
89.3507

Harmonies

Analogous

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



35.1744, 25.4010, 97.1649



43.8165, 25.4010, 58.4706



46.8183, 25.4010, 25.2997

Triad

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



43.8165, 25.4010, 58.4706



23.3050, 25.4010, 1.5470



11.9905, 25.4010, 65.6752

Complementary

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



43.8165, 25.4010, 58.4706



31.7829, 55.2970, 20.8045

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.



10.3069, 25.4010, 30.1572



43.8165, 25.4010, 58.4706



15.6989, 25.4010, 3.0549

Square

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



43.8165, 25.4010, 58.4706



33.3208, 25.4010, 2.5294



11.4666, 25.4010, 10.1758



16.8270, 25.4010, 102.8848

Rectangle

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



43.8165, 25.4010, 58.4706



44.7216, 25.4010, 12.2024



11.4666, 25.4010, 10.1758



11.1027, 25.4010, 52.5689

Sweetspot

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



43.8174, 25.4022, 58.4711



79.7162, 71.1991, 98.0340



21.0103, 13.3376, 71.2799



16.6719, 14.5132, 20.6838



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.



43.8174, 25.4022, 58.4711



56.4128, 29.5996, 74.8295



37.2650, 22.7813, 23.9669



14.2052, 13.8997, 16.8507



23.4358, 11.4413, 30.0244



1.6481, 0.8025, 2.2057

Inverse Universe

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



43.8174, 25.4022, 58.4711



56.4128, 29.5996, 74.8295



36.7707, 57.2921, 47.0697



14.2052, 13.8997, 16.8507



23.4358, 11.4413, 30.0244



1.6481, 0.8025, 2.2057

Previews

White Background



This preview shows how the XYZ color 43.8165, 25.4010, 58.4706 looks on a white background.

Color Contrast Check

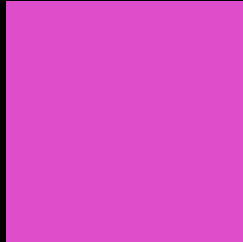
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.8165, 25.4010, 58.4706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

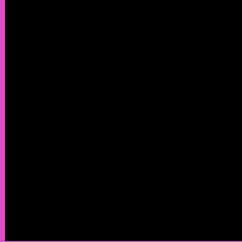
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 43.8165, 25.4010, 58.4706

Background



This preview shows how black text looks on a background with the XYZ color 43.8165, 25.4010, 58.4706.



This preview shows how white text looks on a background with the XYZ color 43.8165, 25.4010,

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

43.8165, 25.4010, 58.4706

Protanopia

29.4699, 26.0423, 94.7402

Deuteranopia

26.3170, 25.7346, 54.0323



Tritanopia

35.5511, 25.3445, 18.0571

Trichromacy



Original Color

43.8165, 25.4010, 58.4706



Protanomaly

30.3982, 22.9044, 79.9096



Deuteranomaly

30.1138, 23.6444, 55.2012



Tritanomaly

37.7415, 24.9497, 29.2121

Monochromacy



Original Color

43.8165, 25.4010, 58.4706



Achromatopsia

23.0288, 24.2281, 26.3844



Achromatomaly

28.2117, 22.7533, 35.7058

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8165, 25.4010, 58.4706 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(223, 78, 202)` looks like.

```
.text, #text, p{  
    color:rgb(223, 78, 202)  
}
```

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(223, 78, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 78, 202) }
```

Border

The CSS property to change the border of an element to XYZ 43.8165, 25.4010, 58.4706 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(223, 78, 202) }
```


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

```
.border{ border-color:rgb(223, 78, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 78, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 78, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 78, 202);  
box-shadow:4px 4px 4px 4px rgb(223, 78,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8165, 25.4010, 58.4706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 78, 202) }
```

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

```
.background{ background-color: rgb(223, 78,  
202) }
```

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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