

Converting Colors

XYZ(43.8203, 27.4835, 50.5722)

Have a look what the booklet for
XYZ(43.8203, 27.4835, 50.5722)
contains.

XYZ(43.8203, 27.4835, 50.5722)	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(43.8203, 27.4835,
50.5722)**

Conversions

Conversions Part 1

Format	Color
Hex	E05EBC
RGB	224, 94, 188
RGB Percent	88%, 37%, 74%
CMY	0.1216, 0.6313, 0.2627
CMYK	0.00, 0.58, 0.16, 0.12
HSL	317°, 68%, 62%
HSV	317°, 58%, 88%
XYZ	43.8203, 27.4835, 50.5722
YIQ	143.5860, 47.3060, 56.7940

Conversions

Conversions Part 2

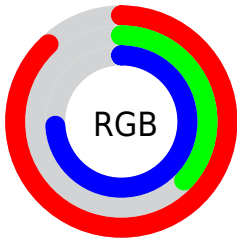
Format	Color
R _Y B	224, 94, 188
Decimal	14704316
CIE _{Lab}	59.42, 61.18, -24.85
CIE _{LCh}	59, 66.035, 337.891
Yxy	27.4835, 0.3595, 0.2255
Android (android.graphics.Color)	4292894396 (0xFFE05EBC)
YUV	143.5860, 21.8961, 70.5231
Hunter-Lab	52.4247, 57.4598, -20.4976

Details

The XYZ color **43.8203, 27.4835, 50.5722** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **35.3024, 57.3037, 30.3215**, and the grayscale version is **26.2456, 27.6124, 30.0699**.

A 20% lighter version of the original color is **68.4755, 49.6043, 91.5535**, and **20.5728, 10.9159, 23.5769** is the 20% darker color. If you saturate the color by 10%, you get **41.4553, 23.8004, 46.5551**, and if you desaturate by 10%, it is **46.7936, 32.3363, 54.9344**.

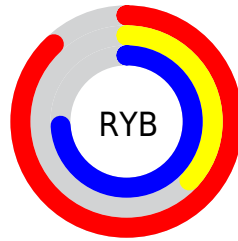
Distribution



Red (88%)

Green (37%)

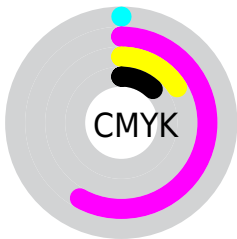
Blue (74%)



Red (88%)

Yellow (37%)

Blue (74%)

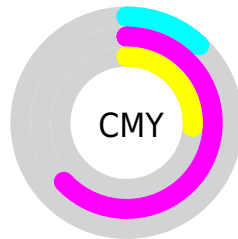


Cyan (0%)

Magenta (58%)

Yellow (16%)

Black (12%)



Cyan (12%)


Magenta (63%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.8203, 27.4835, 50.5722 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 43.8203, 27.4835, 50.5722 by changing the saturation by 10% instead.


 43.8203, 27.4835,
50.5722


 43.8203, 27.4835,
50.5722


352.8391,
289.9906, 405.6984

 30.7266, 17.9367,
35.4939


 80.1953, 55.6588,
92.4271


 20.5415, 10.9045,
23.7570


 104.2073, 75.0560,
120.0408

 12.8998, 6.0027,
14.9429


 132.5894, 98.5055,
152.6701

 7.4361, 2.8467,
8.6332

 165.7069,
126.3916, 190.7334

 3.7851, 1.0522,
4.4092

203.9253,
159.0988, 234.6493

 1.5813, 0.0000,
1.8524

247.6099,

 0.3802, 0.0000,

197.0114, 284.8365

0.4622

297.1260,
240.5139, 341.7133

■ 0.0000, 0.0000,
0.0000

■ 43.8203, 27.4835,
50.5722

■ 43.8203, 27.4835,
50.5722

■ 41.4553, 23.8004,
46.5551

■ 46.7936, 32.3363,
54.9344

■ 39.6440, 21.1799,
42.8625

■ 50.4184, 38.4459,
59.6570

■ 38.3264, 19.5017,
39.4727

■ 54.7367, 45.8954,
64.7561

■ 37.4162, 18.5941,
36.3551

■ 59.7863, 54.7599,
70.2459

■ 37.2594, 18.4549,
35.7653

■ 65.6022, 65.1087,
76.1397

■ 72.2170, 77.0067,
82.4499

■ 79.6615, 90.5148,
89.1885

■ 81.8788, 93.5186,
94.3381

■ 82.8043, 93.8889,
99.2119

Harmonies

Analogous

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



37.1694, 27.4835, 82.2495



43.8203, 27.4835, 50.5722



45.2759, 27.4835, 24.0920

Triad

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



43.8203, 27.4835, 50.5722



23.9971, 27.4835, 3.6732



15.4657, 27.4835, 67.5656

Complementary

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



43.8203, 27.4835, 50.5722



35.3024, 57.3037, 30.3215

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.



13.3140, 27.4835, 36.6305



43.8203, 27.4835, 50.5722



17.5145, 27.4835, 6.4389

Square

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



43.8203, 27.4835, 50.5722



32.5833, 27.4835, 4.4427



13.9754, 27.4835, 15.8367



20.5773, 27.4835, 95.1524

Rectangle

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



43.8203, 27.4835, 50.5722



42.8691, 27.4835, 13.2632



13.9754, 27.4835, 15.8367



14.4274, 27.4835, 56.7193

Sweetspot

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



43.8212, 27.4848, 50.5727



80.8730, 74.6429, 94.9349



26.4614, 18.0298, 72.6071



16.9952, 15.4200, 19.9896



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.



43.8212, 27.4848, 50.5727



54.9470, 30.9332, 61.1916



38.4036, 25.3178, 22.0439



14.1246, 13.8675, 16.4264



21.7385, 10.7624, 21.0865



1.5441, 0.7609, 1.6581

Inverse Universe

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



43.8212, 27.4848, 50.5727



54.9470, 30.9332, 61.1916



40.9731, 59.5720, 60.1832



14.1246, 13.8675, 16.4264



21.7385, 10.7624, 21.0865



1.5441, 0.7609, 1.6581

Previews

White Background



This preview shows how the XYZ color 43.8203, 27.4835, 50.5722 looks on a white background.

Color Contrast Check

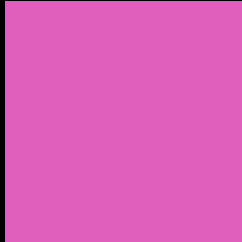
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.8203, 27.4835, 50.5722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

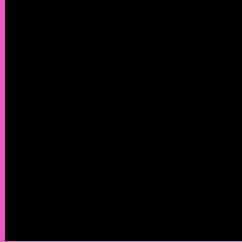
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 43.8203, 27.4835, 50.5722

Background



This preview shows how black text looks on a background with the XYZ color 43.8203, 27.4835, 50.5722.



This preview shows how white text looks on a background with the XYZ color 43.8203, 27.4835,

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

43.8203, 27.4835, 50.5722

Protanopia

29.9255, 27.9967, 75.0608

Deuteranopia

28.2443, 27.7483, 47.0473



Tritanopia

37.6295, 27.4525, 20.7683

Trichromacy



Original Color

43.8203, 27.4835, 50.5722



Protanomaly

32.2282, 25.9411, 65.5959



Deuteranomaly

32.1171, 26.2692, 48.1775



Tritanomaly

39.6008, 27.3324, 29.5740

Monochromacy



Original Color

43.8203, 27.4835, 50.5722



Achromatopsia

26.5089, 27.8894, 30.3716



Achromatomaly

31.0396, 26.3440, 36.7066

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8203, 27.4835, 50.5722 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(224, 94, 188)` looks like.

```
.text, #text, p{  
    color:rgb(224, 94, 188)  
}
```

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(224, 94, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 94, 188) }
```

Border

The CSS property to change the border of an element to XYZ 43.8203, 27.4835, 50.5722 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(224, 94, 188) }
```


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

```
.border{ border-color:rgb(224, 94, 188) }
```

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

Here you see how a box with a 4 pixel rgb(224, 94, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 94, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 94, 188);  
box-shadow:4px 4px 4px 4px rgb(224, 94,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8203, 27.4835, 50.5722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 94, 188) }
```

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

```
.background{ background-color: rgb(224, 94,  
188) }
```

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