

Converting Colors

XYZ(42.9707, 26.8431, 34.9789)

Have a look what the booklet for
XYZ(42.9707, 26.8431, 34.9789)
contains.

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Color

**XYZ(43.0207, 26.9025,
34.8235)**

Conversions

Conversions Part 1

Format	Color
Hex	E85A9D
RGB	232, 90, 157
RGB Percent	91%, 35%, 62%
CMY	0.0902, 0.6470, 0.3843
CMYK	0.00, 0.61, 0.32, 0.09
HSL	332°, 76%, 63%
HSV	332°, 61%, 91%
XYZ	43.0207, 26.9025, 34.8235
YIQ	140.0960, 63.1250, 50.9410

Conversions

Conversions Part 2

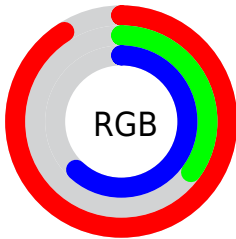
Format	Color
R _{YB}	232, 90, 157
Decimal	15227549
CIE Lab	58.88, 61.12, -7.66
CIE LCh	59, 61.601, 352.854
Yxy	26.9025, 0.4107, 0.2568
Android (android.graphics.Color)	4293417629 (0xFFE85A9D)
YUV	140.0960, 8.3337, 80.5998
Hunter-Lab	51.8676, 57.2854, -3.4995

Details

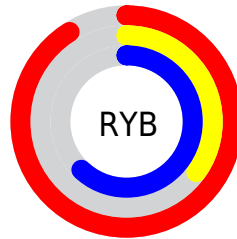
The XYZ color **43.0207, 26.9025, 34.8235** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **39.8662, 62.6043, 45.5838**, and the grayscale version is **24.9172, 26.2148, 28.5480**.

A 20% lighter version of the original color is **63.4025, 46.5712, 67.9348**, and **19.9842, 10.5501, 14.6187** is the 20% darker color. If you saturate the color by 10%, you get **40.3658, 23.1839, 29.0330**, and if you desaturate by 10%, it is **46.3925, 31.8868, 41.3712**.

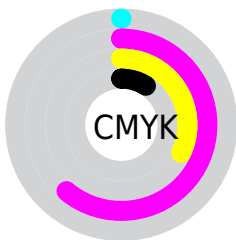
Distribution



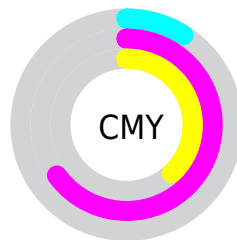
- Red (91%)
- Green (35%)
- Blue (62%)



- Red (91%)
- Yellow (35%)
- Blue (62%)



- Cyan (0%)
- Magenta (61%)
- Yellow (32%)
- Black (9%)




- Cyan (9%)
- Magenta (65%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.0207, 26.9025, 34.8235 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 43.0207, 26.9025, 34.8235 by changing the saturation by 10% instead.


 43.0207, 26.9025,
34.8235


 43.0207, 26.9025,
34.8235


349.6170,
287.1847, 338.6691


 30.0959, 17.5000,
23.2445


 78.9976, 54.7274,
68.3607


 20.0599, 10.5916,
14.5671


 102.7805, 73.9185,
91.1560

 12.5471, 5.7930,
8.3729


 130.9134, 97.1414,
118.5271

 7.1923, 2.7196,
4.2433

 163.7618,
124.7803, 150.8926

 3.6300, 0.9872,
1.7598

201.6910,
157.2197, 188.6710

 1.4950, 0.0000,
0.4012

245.0664,

 0.3224, 0.0000,

194.8440, 232.2809

0.0000

294.2532,
238.0375, 282.1407

■ 0.0000, 0.0000,
0.0000

■ 43.0207, 26.9025,
34.8235

■ 43.0207, 26.9025,
34.8235

■ 40.3658, 23.1839,
29.0330

■ 46.3925, 31.8868,
41.3712

■ 38.3635, 20.6076,
23.9625

■ 50.5334, 38.2365,
48.7073


■ 36.9408, 19.0325,
19.5717


■ 55.4928, 46.0463,
56.8625


■ 36.0638, 18.2699,
16.2234

■ 61.3154, 55.4009,
65.8652

■ 68.0425, 66.3787,
75.7421

 75.7126, 79.0526,
86.5186

 84.3620, 93.4912,
98.2190

 87.0888, 95.8958,
108.5274

Harmonies

Analogous

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



39.1048, 26.9025, 62.6049



43.0207, 26.9025, 34.8235



41.5723, 26.9025, 15.8392

Triad

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



43.0207, 26.9025, 34.8235



20.2951, 26.9025, 5.1534



17.7094, 26.9025, 77.0346

Complementary

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



43.0207, 26.9025, 34.8235



39.8662, 62.6043, 45.5838

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.



14.3128, 26.9025, 48.7805



43.0207, 26.9025, 34.8235



15.5857, 26.9025, 10.5681

Square

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



43.0207, 26.9025, 34.8235



27.4347, 26.9025, 4.2772



13.6209, 26.9025, 24.3801



23.7918, 26.9025, 93.6974

Rectangle

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



43.0207, 26.9025, 34.8235



37.8740, 26.9025, 9.0285



13.6209, 26.9025, 24.3801



16.2692, 26.9025, 68.0636

Sweetspot

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



43.0215, 26.9039, 34.8240



78.4543, 72.6657, 85.3115



33.4027, 20.9657, 78.6303



16.2945, 14.7449, 17.5169



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.



43.0215, 26.9039, 34.8240



49.4171, 27.9211, 34.5382



38.9843, 25.6136, 12.5639



14.6586, 14.4806, 16.4028



20.0838, 10.1677, 9.3361



1.5308, 0.7700, 0.9355

Inverse Universe

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



43.0215, 26.9039, 34.8240



49.4171, 27.9211, 34.5382



46.9777, 64.3902, 86.2966



14.6586, 14.4806, 16.4028



20.0838, 10.1677, 9.3361



1.5308, 0.7700, 0.9355

Previews

White Background



This preview shows how the XYZ color 43.0207, 26.9025, 34.8235 looks on a white background.

Color Contrast Check

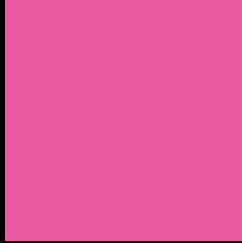
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.0207, 26.9025, 34.8235 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 43.0207, 26.9025, 34.8235

Background



This preview shows how black text looks on a background with the XYZ color 43.0207, 26.9025, 34.8235.



This preview shows how white text looks on a background with the XYZ color 43.0207, 26.9025,

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

43.0207, 26.9025, 34.8235

Protanopia

27.6841, 27.1069, 53.0633

Deuteranopia

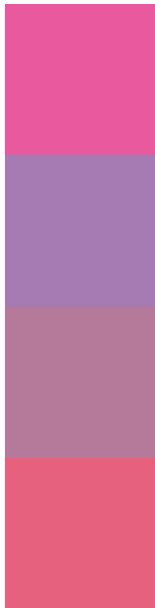
27.5424, 27.0544, 32.6245



Tritanopia

39.3554, 26.8841, 17.3022

Trichromacy



Original Color

43.0207, 26.9025, 34.8235

Protanomaly

30.8221, 25.2807, 45.9030

Deuteranomaly

31.6432, 25.7984, 33.4488

Tritanomaly

40.3537, 26.7138, 22.7681

Monochromacy



Original Color

43.0207, 26.9025, 34.8235

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

29.3814, 24.8786, 30.4476

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0207, 26.9025, 34.8235 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(232, 90, 157)` looks like.

```
.text, #text, p{  
    color:rgb(232, 90, 157)  
}
```

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(232, 90, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 90, 157) }
```

Border

The CSS property to change the border of an element to XYZ 43.0207, 26.9025, 34.8235 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(232, 90, 157) }
```


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

```
.border{ border-color:rgb(232, 90, 157) }
```

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

Here you see how a box with a 4 pixel rgb(232, 90, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 90, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 90, 157);  
box-shadow:4px 4px 4px 4px rgb(232, 90,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0207, 26.9025, 34.8235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 90, 157) }
```

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

```
.background{ background-color: rgb(232, 90,  
157) }
```

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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