

Converting Colors

XYZ(43.2641, 27.1976, 30.0974)

Have a look what the booklet for
XYZ(43.2641, 27.1976, 30.0974)
contains.

| | |
|--|----|
| XYZ(43.1903, 27.2197, 30.1717) | 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(43.1903, 27.2197,
30.1717)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EB5B92 |
| RGB | 235, 91, 146 |
| RGB Percent | 92%, 36%, 57% |
| CMY | 0.0784, 0.6431, 0.4274 |
| CMYK | 0.00, 0.61, 0.38, 0.08 |
| HSL | 337°, 78%, 64% |
| HSV | 337°, 61%, 92% |
| XYZ | 43.1903, 27.2197, 30.1717 |
| YIQ | 140.3260, 68.1690, 47.6330 |

Conversions

Conversions Part 2

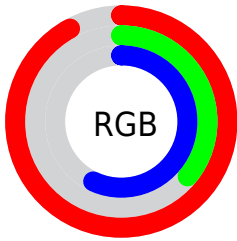
| Format | Color |
|-------------------------------------|------------------------------|
| R _{YB} | 235, 91, 146 |
| Decimal | 15424402 |
| CIE Lab | 59.18, 60.36, -0.77 |
| CIE LCh | 59, 60.368, 359.265 |
| Yxy | 27.2197, 0.4294, 0.2706 |
| Android (android.graphics.Color) | 4293614482 (0xFFEB5B92) |
| YUV | 140.3260, 2.7973, 83.0291 |
| Hunter-Lab | 52.1725, 56.4669, 2.2330 |

Details

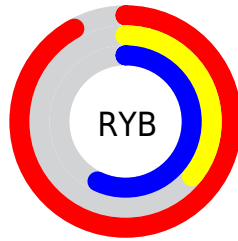
The XYZ color **43.1903, 27.2197, 30.1717** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **42.2625, 64.9367, 53.4908**, and the grayscale version is **25.0262, 26.3295, 28.6728**.

A 20% lighter version of the original color is **62.0990, 46.2976, 60.3069**, and **20.2058, 10.7890, 12.0839** is the 20% darker color. If you saturate the color by 10%, you get **40.4274, 23.3888, 24.0259**, and if you desaturate by 10%, it is **46.7270, 32.3684, 37.2843**.

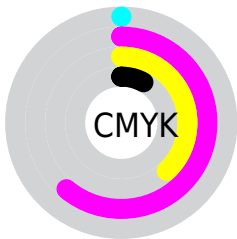
Distribution



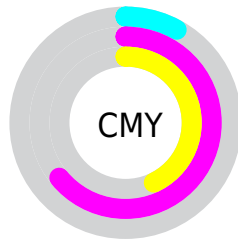
- Red (92%)
- Green (36%)
- Blue (57%)



- Red (92%)
- Yellow (36%)
- Blue (57%)



- Cyan (0%)
- Magenta (61%)
- Yellow (38%)
- Black (8%)





- Cyan (8%)
- Magenta (64%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.1903, 27.2197, 30.1717 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 43.1903, 27.2197, 30.1717 by changing the saturation by 10% instead.


 43.1903, 27.2197,
30.1717


 43.1903, 27.2197,
30.1717

350.3021,
288.7193, 316.9362


 30.2296, 17.7383,
19.7158


 79.2519, 55.2362,
60.9978


 20.1619, 10.7623,
12.0066


 103.0835, 74.5401,
82.2051

 12.6217, 5.9072,
6.6256


 131.2694, 97.8870,
107.8333

 7.2438, 2.7887,
3.1542

 164.1751,
125.6612, 138.3009

 3.6627, 1.0225,
1.1739

202.1659,
158.2471, 174.0264

 1.5131, 0.0000,
0.0000

245.6070,

 0.3347, 0.0000,

196.0292, 215.4284

0.0000

294.8640,
239.3918, 262.9255

■ 0.0000, 0.0000,
0.0000

■ 43.1903, 27.2197,
30.1717

■ 43.1903, 27.2197,
30.1717

■ 40.4274, 23.3888,
24.0259

■ 46.7270, 32.3684,
37.2843

■ 38.3698, 20.7473,
18.7967

■ 51.0934, 38.9387,
45.4066

■ 36.9395, 19.1484,
14.4304

■ 56.3428, 47.0292,
54.5804

■ 36.0957, 18.3960,
11.2653

■ 62.5228, 56.7282,
64.8445

■ 69.6779, 68.1171,
76.2354

■ 77.8495, 81.2720,
88.7879

■ 86.9139, 95.9393,
102.4809

■ 88.0709, 96.4021,
108.5734

Harmonies

Analogous

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



40.3964, 27.2197, 56.2381



43.1903, 27.2197, 30.1717



40.6465, 27.2197, 13.6531

Triad

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



43.1903, 27.2197, 30.1717



19.4271, 27.2197, 6.2022



19.1631, 27.2197, 81.3828

Complementary

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



43.1903, 27.2197, 30.1717



42.2625, 64.9367, 53.4908

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.



15.1966, 27.2197, 54.8405



43.1903, 27.2197, 30.1717



15.3270, 27.2197, 13.1119

Square

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



43.1903, 27.2197, 30.1717



26.0573, 27.2197, 4.5205



13.9394, 27.2197, 29.1099



25.6866, 27.2197, 93.3221

Rectangle

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



43.1903, 27.2197, 30.1717



36.5007, 27.2197, 8.0303



13.9394, 27.2197, 29.1099



17.5365, 27.2197, 73.3929

Sweetspot

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



43.1911, 27.2211, 30.1722



77.8791, 72.4356, 82.2822



37.5138, 23.1615, 81.0905



16.1550, 14.6890, 16.7821



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.



43.1911, 27.2211, 30.1722



47.8198, 27.0372, 26.8825



41.4919, 29.1022, 13.3300



15.3035, 15.1493, 16.8836



20.1465, 10.2613, 6.5727



1.6276, 0.8240, 0.7564

Inverse Universe

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



43.1911, 27.2211, 30.1722



47.8198, 27.0372, 26.8825



44.4341, 58.4697, 87.5409



15.3035, 15.1493, 16.8836



20.1465, 10.2613, 6.5727



1.6276, 0.8240, 0.7564

Previews

White Background



This preview shows how the XYZ color 43.1903, 27.2197, 30.1717 looks on a white background.

Color Contrast Check

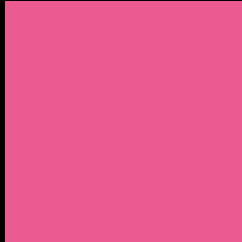
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.1903, 27.2197, 30.1717 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 43.1903, 27.2197, 30.1717

Background



This preview shows how black text looks on a background with the XYZ color 43.1903, 27.2197, 30.1717.



This preview shows how white text looks on a background with the XYZ color 43.1903, 27.2197,

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

43.1903, 27.2197, 30.1717

Protanopia

27.2922, 27.2924, 45.4245

Deuteranopia

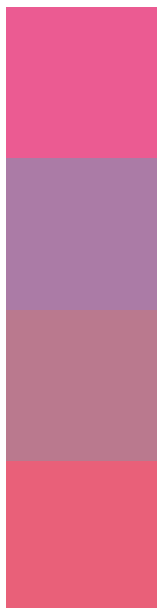
27.8492, 27.3101, 28.2297



Tritanopia

40.3421, 27.1201, 16.7441

Trichromacy



Original Color

43.1903, 27.2197, 30.1717

Protanomaly

30.7605, 25.5770, 39.3920

Deuteranomaly

31.9696, 26.0668, 28.9376

Tritanomaly

41.2383, 27.0699, 21.1407

Monochromacy



Original Color

43.1903, 27.2197, 30.1717

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

29.5212, 24.9860, 28.8580

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1903, 27.2197, 30.1717 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(235, 91, 146)` looks like.

```
.text, #text, p{  
    color:rgb(235, 91, 146)  
}
```

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(235, 91, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 91, 146) }
```

Border

The CSS property to change the border of an element to XYZ 43.1903, 27.2197, 30.1717 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(235, 91, 146) }
```


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

```
.border{ border-color:rgb(235, 91, 146) }
```

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

Here you see how a box with a 4 pixel rgb(235, 91, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 91, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 91, 146);  
box-shadow:4px 4px 4px 4px rgb(235, 91,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1903, 27.2197, 30.1717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 91, 146) }
```

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

```
.background{ background-color: rgb(235, 91,  
146) }
```

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