

# Converting Colors

XYZ(43.6001, 27.6608, 31.4748)

Have a look what the booklet for  
XYZ(43.6001, 27.6608, 31.4748)  
contains.

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# Color

**XYZ(43.6001, 27.6608,  
31.4749)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EB5D95
RGB	235, 93, 149
RGB Percent	92%, 36%, 58%
CMY	0.0784, 0.6353, 0.4157
CMYK	0.00, 0.60, 0.37, 0.08
HSL	336°, 78%, 64%
HSV	336°, 60%, 92%
XYZ	43.6001, 27.6608, 31.4749
YIQ	141.8420, 66.6560, 47.5200

# Conversions

## Conversions Part 2

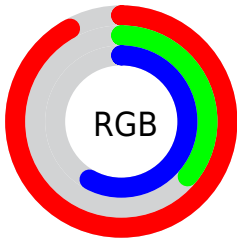
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	235, 93, 149
Decimal	15424917
CIE Lab	59.58, 59.83, -1.93
CIE LCh	60, 59.865, 358.154
Yxy	27.6608, 0.4244, 0.2692
Android (android.graphics.Color)	4293614997 (0xFFEB5D95)
YUV	141.8420, 3.5289, 81.6996
Hunter-Lab	52.5935, 55.9380, 1.3330

# Details

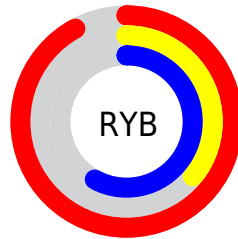
The XYZ color **43.6001, 27.6608, 31.4749** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **42.3608, 64.9992, 52.9652**, and the grayscale version is **25.6179, 26.9521, 29.3508**.

A 20% lighter version of the original color is **62.7669, 47.0667, 62.2765**, and **20.3738, 10.9758, 12.6000** is the 20% darker color. If you saturate the color by 10%, you get **40.7773, 23.7239, 25.2660**, and if you desaturate by 10%, it is **47.1969, 32.9232, 38.6275**.

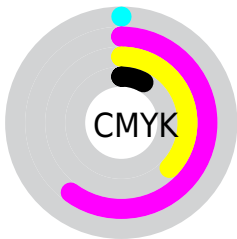
# Distribution



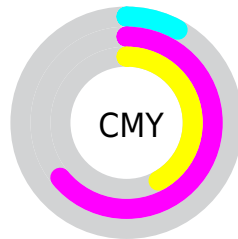
- Red (92%)
- Green (36%)
- Blue (58%)



- Red (92%)
- Yellow (36%)
- Blue (58%)



- Cyan (0%)
- Magenta (60%)
- Yellow (37%)
- Black (8%)




- Cyan (8%)
- Magenta (64%)
- Yellow (42%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 43.6001, 27.6608, 31.4749 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 43.6001, 27.6608, 31.4749 by changing the saturation by 10% instead.





 43.6001, 27.6608,  
31.4749


 43.6001, 27.6608,  
31.4749


351.9537,  
290.8425, 323.1389

 30.5528, 18.0701,  
20.6992

 79.8657, 55.9424,  
63.0753


 20.4087, 11.0003,  
12.7152


 103.8148, 75.4022,  
84.7371

 12.8025, 6.0671,  
7.1043

 132.1285, 98.9204,  
110.8648

 7.3687, 2.8859,  
3.4480

 165.1721,  
126.8815, 141.8767

 3.7421, 1.0725,  
1.3277

203.3111,  
159.6699, 178.1916

 1.5573, 0.0000,  
0.0843

246.9108,

 0.3643, 0.0000,

197.6699, 220.2279

0.0000

296.3366,  
241.2660, 268.4042

■ 0.0000, 0.0000,  
0.0000

■ 43.6001, 27.6608,  
31.4749

■ 43.6001, 27.6608,  
31.4749

■ 40.7773, 23.7239,  
25.2660

■ 47.1969, 32.9232,  
38.6275

■ 38.6609, 20.9859,  
19.9529

■ 51.6227, 39.6137,  
46.7648


■ 37.1749, 19.3025,  
15.4844


■ 56.9298, 47.8299,  
55.9266


■ 36.2221, 18.4466,  
11.9307

■ 63.1654, 57.6593,  
66.1501

■ 70.3735, 69.1828,  
77.4701

 78.5948, 82.4760,  
89.9201

 87.0625, 95.9988,  
103.2631

 88.0709, 96.4022,  
108.5734

# Harmonies

## Analogous

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



40.6243, 27.6608, 57.7569



43.6001, 27.6608, 31.4749



41.2515, 27.6608, 14.4712

# Triad

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



43.6001, 27.6608, 31.4749



20.0279, 27.6608, 6.3429



19.3610, 27.6608, 80.9277

# Complementary

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



43.6001, 27.6608, 31.4749



42.3608, 64.9992, 52.9652

# 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.



15.4707, 27.6608, 54.2554



43.6001, 27.6608, 31.4749



15.8008, 27.6608, 13.0965

# Square

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



43.6001, 27.6608, 31.4749



26.7604, 27.6608, 4.7647



14.3025, 27.6608, 28.8005



25.8266, 27.6608, 93.5689



# Rectangle

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



43.6001, 27.6608, 31.4749



37.1936, 27.6608, 8.5716



14.3025, 27.6608, 28.8005



17.7586, 27.6608, 72.8281

# Sweetspot

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



43.6009, 27.6623, 31.4754



77.9578, 72.4671, 82.6966



37.3172, 23.3173, 81.1311



16.1740, 14.6967, 16.8825



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.



43.6009, 27.6623, 31.4754



48.2606, 27.4585, 28.4483



41.5164, 29.0113, 13.7694



15.3115, 15.1524, 16.9254



20.2178, 10.2898, 6.9484



1.6337, 0.8265, 0.7886



# Inverse Universe

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



43.6009, 27.6623, 31.4754



48.2606, 27.4585, 28.4483



45.3143, 59.9335, 87.7772



15.3115, 15.1524, 16.9254



20.2178, 10.2898, 6.9484



1.6337, 0.8265, 0.7886



# Previews

## White Background



This preview shows how the XYZ color 43.6001, 27.6608, 31.4749 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 43.6001, 27.6608, 31.4749 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 43.6001, 27.6608, 31.4749**

## **Background**



This preview shows how black text looks on a background with the XYZ color 43.6001, 27.6608, 31.4749.



This preview shows how white text looks on a background with the XYZ color 43.6001, 27.6608,



# 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

43.6001, 27.6608, 31.4749

### Protanopia

27.9029, 27.7922, 47.0738

### Deuteranopia

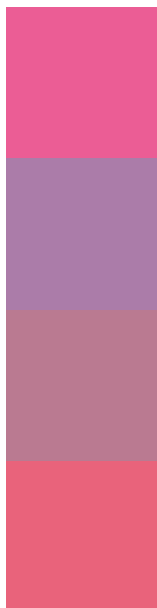
28.2157, 27.6873, 29.4482



## Tritanopia

40.7369, 27.7413, 17.3949

# Trichromacy



## Original Color

43.6001, 27.6608, 31.4749

## Protanomaly

31.1637, 25.9378, 40.9001

## Deuteranomaly

32.3201, 26.4025, 30.1808

## Tritanomaly

41.6413, 27.6774, 21.8864

# Monochromacy



## Original Color

43.6001, 27.6608, 31.4749

## Achromatopsia

25.7108, 27.0498, 29.4572

## Achromatomaly

30.2230, 25.6897, 30.1538

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 43.6001, 27.6608, 31.4749 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, 93, 149)` looks like.

```
.text, #text, p{  
    color:rgb(235, 93, 149)  
}
```

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, 93, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 93, 149) }
```

## Border

The CSS property to change the border of an element to XYZ 43.6001, 27.6608, 31.4749 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, 93, 149) }
```



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

```
.border{ border-color:rgb(235, 93, 149) }
```

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

Here you see how a box with a 4 pixel rgb(235, 93, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 93, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 93, 149);  
box-shadow:4px 4px 4px 4px rgb(235, 93,  
149) }
```

# Background

The CSS property to change the background color of an element to XYZ 43.6001, 27.6608, 31.4749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 93, 149) }
```

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

```
.background{ background-color: rgb(235, 93,  
149) }
```

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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