

Converting Colors

XYZ(43.3672, 27.3287, 29.3748)

Have a look what the booklet for
XYZ(43.3672, 27.3287, 29.3748)
contains.

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Color

**XYZ(43.3672, 27.3287,
29.3748)**

Conversions

Conversions Part 1

Format	Color
Hex	EC5B90
RGB	236, 91, 144
RGB Percent	93%, 36%, 56%
CMY	0.0745, 0.6431, 0.4353
CMYK	0.00, 0.61, 0.39, 0.07
HSL	338°, 79%, 64%
HSV	338°, 61%, 93%
XYZ	43.3672, 27.3287, 29.3748
YIQ	140.3970, 69.4070, 47.2230

Conversions

Conversions Part 2

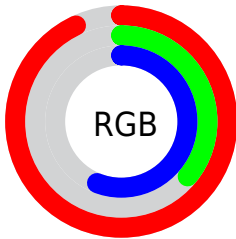
Format	Color
R _Y B	236, 91, 144
Decimal	15489936
CIE Lab	59.28, 60.46, 0.56
CIE LCh	59, 60.458, 0.528
Yxy	27.3287, 0.4334, 0.2731
Android (android.graphics.Color)	4293680016 (0xFFEC5B90)
YUV	140.3970, 1.7763, 83.8438
Hunter-Lab	52.2769, 56.5934, 3.2783

Details

The XYZ color **43.3672, 27.3287, 29.3748** 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 **42.8588, 65.6347, 55.2140**, and the grayscale version is **25.0573, 26.3623, 28.7085**.

A 20% lighter version of the original color is **61.8668, 46.2047, 59.0837**, and **20.3401, 10.8688, 11.6155** is the 20% darker color. If you saturate the color by 10%, you get **40.5877, 23.4816, 23.1711**, and if you desaturate by 10%, it is **46.9341, 32.5076, 36.5905**.

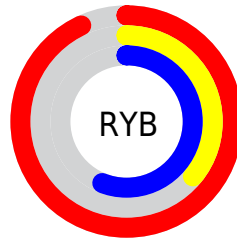
Distribution



Red (93%)

Green (36%)

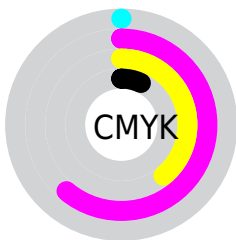
Blue (56%)



Red (93%)

Yellow (36%)

Blue (56%)

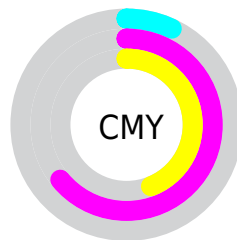


Cyan (0%)

Magenta (61%)

Yellow (39%)

Black (7%)



Cyan (7%)


Magenta (64%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3672, 27.3287, 29.3748 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 43.3672, 27.3287, 29.3748 by changing the saturation by 10% instead.


 43.3672, 27.3287,
29.3748

 43.3672, 27.3287,
29.3748

351.0157,
289.2451, 313.0954

 30.3691, 17.8202,
19.1165


 79.5169, 55.4109,
59.7213


 20.2684, 10.8210,
11.5768


 103.3993, 74.7534,
80.6466

 12.6997, 5.9466,
6.3372


 131.6405, 98.1427,
105.9647

 7.2976, 2.8126,
2.9791

 164.6058,
125.9632, 136.0941

 3.6969, 1.0347,
1.0840

202.6606,
158.5993, 171.4533

 1.5321, 0.0000,
0.0000

246.1703,

 0.3475, 0.0000,

196.4354, 212.4609

0.0000

295.5002,
239.8559, 259.5354

■ 0.0000, 0.0000,
0.0000

■ 43.3672, 27.3287,
29.3748

■ 43.3672, 27.3287,
29.3748

■ 40.5877, 23.4816,
23.1711

■ 46.9341, 32.5076,
36.5905

■ 38.5258, 20.8361,
17.9262

■ 51.3456, 39.1238,
44.8642


■ 37.1017, 19.2429,
13.5824


■ 56.6558, 47.2770,
54.2404


■ 36.2820, 18.5088,
10.5181

■ 62.9136, 57.0568,
64.7604

■ 70.1642, 68.5459,
76.4632

 78.4498, 81.8212,
89.3859

 87.4233, 96.1813,
103.4348

 88.4020, 96.5728,
108.5889

Harmonies

Analogous

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



40.7771, 27.3287, 55.2620



43.3672, 27.3287, 29.3748



40.5967, 27.3287, 13.2376

Triad

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



43.3672, 27.3287, 29.3748



19.2758, 27.3287, 6.3874



19.4664, 27.3287, 82.6240

Complementary

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



43.3672, 27.3287, 29.3748



42.8588, 65.6347, 55.2140

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.



15.3682, 27.3287, 56.2708



43.3672, 27.3287, 29.3748



15.2741, 27.3287, 13.6281

Square

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



43.3672, 27.3287, 29.3748



25.8416, 27.3287, 4.5363



13.9933, 27.3287, 30.1411



26.1091, 27.3287, 93.7130

Rectangle

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



43.3672, 27.3287, 29.3748



36.3417, 27.3287, 7.8158



13.9933, 27.3287, 30.1411



17.7951, 27.3287, 74.7813

Sweetspot

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



43.3679, 27.3302, 29.3753



77.7754, 72.3942, 81.7364



38.3717, 23.5870, 81.8871



16.1299, 14.6790, 16.6501



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.



43.3679, 27.3302, 29.3753



47.5978, 26.9484, 25.7131



42.0935, 29.8139, 13.4356



15.2930, 15.1451, 16.8284



20.0562, 10.2252, 6.0973



1.6198, 0.8209, 0.7151

Inverse Universe

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



43.3679, 27.3302, 29.3753



47.5978, 26.9484, 25.7131



44.1828, 57.7353, 88.1721



15.2930, 15.1451, 16.8284



20.0562, 10.2252, 6.0973



1.6198, 0.8209, 0.7151

Previews

White Background



This preview shows how the XYZ color 43.3672, 27.3287, 29.3748 looks on a white background.

Color Contrast Check

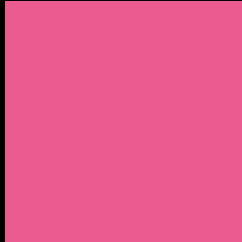
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.3672, 27.3287, 29.3748 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 43.3672, 27.3287, 29.3748

Background



This preview shows how black text looks on a background with the XYZ color 43.3672, 27.3287, 29.3748.



This preview shows how white text looks on a background with the XYZ color 43.3672, 27.3287,

29.3748.

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

43.3672, 27.3287, 29.3748

Protanopia

27.5642, 27.6754, 44.4465

Deuteranopia

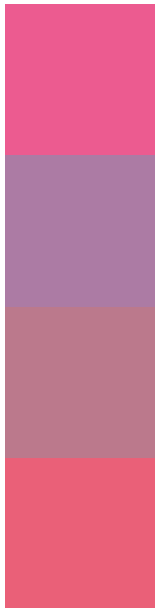
27.9019, 27.3540, 27.4762



Tritanopia

40.6676, 27.2879, 16.7593

Trichromacy



Original Color

43.3672, 27.3287, 29.3748

Protanomaly

30.7971, 25.6169, 38.4433

Deuteranomaly

32.0645, 26.1330, 28.1651

Tritanomaly

41.5047, 27.2142, 20.8346

Monochromacy



Original Color

43.3672, 27.3287, 29.3748

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

29.4464, 24.9561, 28.4643

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3672, 27.3287, 29.3748 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(236, 91, 144)` looks like.

```
.text, #text, p{  
    color:rgb(236, 91, 144)  
}
```

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(236, 91, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 91, 144) }
```

Border

The CSS property to change the border of an element to XYZ 43.3672, 27.3287, 29.3748 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(236, 91, 144) }
```


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

```
.border{ border-color:rgb(236, 91, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 91, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 91, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 91, 144);  
box-shadow:4px 4px 4px 4px rgb(236, 91,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3672, 27.3287, 29.3748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 91, 144) }
```

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

```
.background{ background-color: rgb(236, 91,  
144) }
```

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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