

Converting Colors

XYZ(48.3956, 27.3559, 42.0216)

Have a look what the booklet for
XYZ(48.3956, 27.3559, 42.0216)
contains.

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Color

**XYZ(48.4444, 27.3539,
42.2617)**

Conversions

Conversions Part 1

Format	Color
Hex	F846AD
RGB	248, 70, 173
RGB Percent	97%, 27%, 68%
CMY	0.0274, 0.7254, 0.3216
CMYK	0.00, 0.72, 0.30, 0.03
HSL	325°, 93%, 62%
HSV	325°, 72%, 97%
XYZ	48.4444, 27.3539, 42.2617
YIQ	134.9640, 73.0250, 69.7690

Conversions

Conversions Part 2

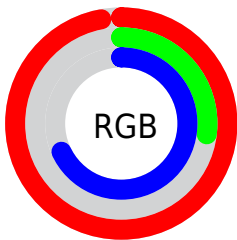
Format	Color
R _Y B	248, 70, 173
Decimal	16271021
CIE Lab	59.30, 74.83, -16.06
CIE LCh	59, 76.531, 347.885
Yxy	27.3539, 0.4103, 0.2317
Android (android.graphics.Color)	4294461101 (0xFFF846AD)
YUV	134.9640, 18.7517, 99.1326
Hunter-Lab	52.3010, 73.8111, -11.2985

Details

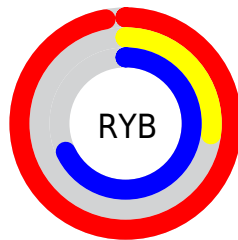
The XYZ color **48.4444, 27.3539, 42.2617** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **41.2057, 70.4821, 38.2251**, and the grayscale version is **22.9313, 24.1255, 26.2726**.

A 20% lighter version of the original color is **63.4949, 43.3640, 78.4223**, and **23.9447, 11.9453, 19.1328** is the 20% darker color. If you saturate the color by 10%, you get **46.2286, 24.4777, 36.7277**, and if you desaturate by 10%, it is **51.3809, 31.5446, 48.4267**.

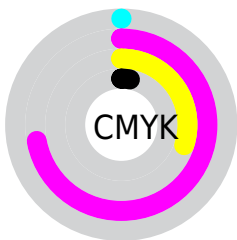
Distribution



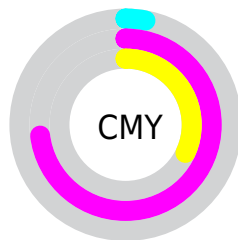
- Red (97%)
- Green (27%)
- Blue (68%)



- Red (97%)
- Yellow (27%)
- Blue (68%)



- Cyan (0%)
- Magenta (72%)
- Yellow (30%)
- Black (3%)




- Cyan (3%)
- Magenta (73%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.4444, 27.3539, 42.2617 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 48.4444, 27.3539, 42.2617 by changing the saturation by 10% instead.


 48.4444, 27.3539,
42.2617

 48.4444, 27.3539,
42.2617


371.1043,
289.3666, 371.3983


 34.3917, 17.8392,
28.9792


 87.0714, 55.4512,
79.8699


 23.3590, 10.8346,
18.8196


 112.3764, 74.8027,
105.0327


 14.9809, 5.9557,
11.3645


 142.1628, 98.2018,
134.9926

 8.8922, 2.8182,
6.1953

 176.7961,
126.0330, 170.1682

 4.7275, 1.0376,
2.8935

 216.6415,
158.6807, 210.9780

 2.1214, 0.0000,
1.0405

262.0644,

 0.7008, 0.0000,

196.5292, 257.8406

0.0000

313.4302,
239.9631, 311.1745

■ 0.0000, 0.0000,
0.0000

■ 48.4444, 27.3539,
42.2617

■ 48.4444, 27.3539,
42.2617

■ 46.2286, 24.4777,
36.7277

■ 51.3809, 31.5446,
48.4267

■ 44.6447, 22.7417,
31.7855


■ 55.1077, 37.1867,
55.2537


■ 43.7074, 21.9549,
28.1196


■ 59.6883, 44.4043,
62.7725

■ 65.1789, 53.3071,
71.0098

■ 71.6306, 63.9950,
79.9906

 79.0907, 76.5598,
89.7381

 87.6030, 91.0872,
100.2746

 92.5215, 98.6965,
108.7817

Harmonies

Analogous

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



42.1668, 27.3539, 80.9085



48.4444, 27.3539, 42.2617



47.7224, 27.3539, 16.3598

Triad

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



48.4444, 27.3539, 42.2617



20.7501, 27.3539, 2.5200



15.5132, 27.3539, 88.4297

Complementary

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



48.4444, 27.3539, 42.2617



41.2057, 70.4821, 38.2251

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.



12.1305, 27.3539, 49.0644



48.4444, 27.3539, 42.2617



14.6037, 27.3539, 6.5852

Square

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



48.4444, 27.3539, 42.2617



30.0530, 27.3539, 2.2647



11.8445, 27.3539, 20.0409



22.3272, 27.3539, 116.6634

Rectangle

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



48.4444, 27.3539, 42.2617



43.3827, 27.3539, 7.7352



11.8445, 27.3539, 20.0409



14.0177, 27.3539, 75.2483

Sweetspot

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



48.4452, 27.3554, 42.2622



76.1153, 67.8508, 84.9537



30.6660, 17.1039, 90.4923



15.8716, 13.8226, 17.6116



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.



48.4452, 27.3554, 42.2622



48.4363, 25.1334, 36.7578



42.5358, 24.9916, 11.1437



17.6657, 17.3936, 20.0954



23.6823, 11.8886, 15.5674



2.2463, 1.1223, 1.7206

Inverse Universe

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



48.4452, 27.3554, 42.2622



48.4363, 25.1334, 36.7578



50.8260, 74.3303, 88.8849



17.6657, 17.3936, 20.0954



23.6823, 11.8886, 15.5674



2.2463, 1.1223, 1.7206

Previews

White Background



This preview shows how the XYZ color 48.4444, 27.3539, 42.2617 looks on a white background.

Color Contrast Check

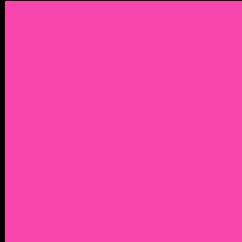
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.4444, 27.3539, 42.2617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

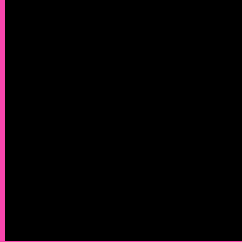
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 48.4444, 27.3539, 42.2617

Background



This preview shows how black text looks on a background with the XYZ color 48.4444, 27.3539, 42.2617.



This preview shows how white text looks on a background with the XYZ color 48.4444, 27.3539,

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

48.4444, 27.3539, 42.2617

Protanopia

29.6427, 27.6487, 74.2954

Deuteranopia

27.9661, 27.3486, 38.9268



Tritanopia

42.5167, 27.2225, 14.3228

Trichromacy



Original Color

48.4444, 27.3539, 42.2617



Protanomaly

32.0505, 24.3506, 60.7685



Deuteranomaly

32.7595, 25.0150, 39.6610



Tritanomaly

44.1032, 26.9003, 22.2698

Monochromacy



Original Color

48.4444, 27.3539, 42.2617



Achromatopsia

23.0288, 24.2281, 26.3844



Achromatomaly

29.0138, 22.7689, 31.2994

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4444, 27.3539, 42.2617 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(248, 70, 173)` looks like.

```
.text, #text, p{  
  color:rgb(248, 70, 173)  
}
```

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(248, 70, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 70, 173) }
```

Border

The CSS property to change the border of an element to XYZ 48.4444, 27.3539, 42.2617 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(248, 70, 173) }
```


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

```
.border{ border-color:rgb(248, 70, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 70, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 70, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 70, 173);  
box-shadow:4px 4px 4px 4px rgb(248, 70,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4444, 27.3539, 42.2617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 70, 173) }
```

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

```
.background{ background-color: rgb(248, 70,  
173) }
```

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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