

Converting Colors

XYZ(47.1543, 28.9106, 23.8639)

Have a look what the booklet for
XYZ(47.1543, 28.9106, 23.8639)
contains.

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Color

**XYZ(47.1543, 28.9106,
23.8639)**

Conversions

Conversions Part 1

Format	Color
Hex	FB5781
RGB	251, 87, 129
RGB Percent	98%, 34%, 51%
CMY	0.0157, 0.6588, 0.4941
CMYK	0.00, 0.65, 0.49, 0.02
HSL	345°, 95%, 66%
HSV	345°, 65%, 98%
XYZ	47.1543, 28.9106, 23.8639
YIQ	140.8240, 84.2620, 47.8300

Conversions

Conversions Part 2

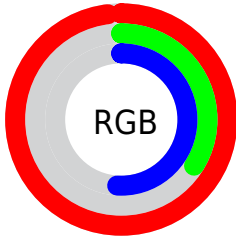
Format	Color
R_{YB}	251, 87, 129
Decimal	16471937
CIE _{Lab}	60.70, 65.21, 11.66
CIE _{LCh}	61, 66.240, 10.140
Yxy	28.9106, 0.4719, 0.2893
Android (android.graphics.Color)	4294662017 (0xFFFB5781)
YUV	140.8240, -5.8292, 96.6244
Hunter-Lab	53.7686, 62.4470, 11.3236

Details

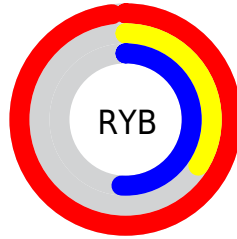
The XYZ color **47.1543, 28.9106, 23.8639** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **49.9383, 75.6248, 72.2926**, and the grayscale version is **25.2489, 26.5639, 28.9280**.

A 20% lighter version of the original color is **59.8089, 44.8882, 49.7680**, and **22.5782, 11.6859, 8.6550** is the 20% darker color. If you saturate the color by 10%, you get **44.3336, 25.0776, 17.3494**, and if you desaturate by 10%, it is **50.9094, 34.2496, 31.8094**.

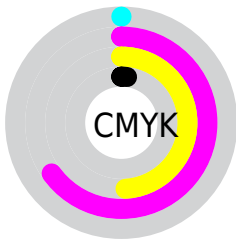
Distribution



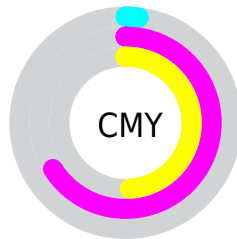
- Red (98%)
- Green (34%)
- Blue (51%)



- Red (98%)
- Yellow (34%)
- Blue (51%)



- Cyan (0%)
- Magenta (65%)
- Yellow (49%)
- Black (2%)





- Cyan (2%)
- Magenta (66%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.1543, 28.9106, 23.8639 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 47.1543, 28.9106, 23.8639 by changing the saturation by 10% instead.


 47.1543, 28.9106,
23.8639


 47.1543, 28.9106,
23.8639


366.0687,
296.7929, 285.3960


 33.3661, 19.0132,
15.0214


 85.1612, 57.9350,
50.7491


 22.5676, 11.6798,
8.6876


 110.1107, 77.8308,
69.6288

 14.3935, 6.5261,
4.4440


 139.5113,
101.8282, 92.6914

 8.4784, 3.1675,
1.8719

 173.7284,
130.3116, 120.3554

 4.4569, 1.2198,
0.4748

213.1273,
163.6654, 153.0393

 1.9637, 0.0778,
0.0000

258.0734,

 0.6135, 0.0000,

202.2739, 191.1617

0.0000

308.9321,
246.5216, 235.1411

■ 0.0000, 0.0000,
0.0000

■ 47.1543, 28.9106,
23.8639

■ 47.1543, 28.9106,
23.8639

■ 44.3336, 25.0776,
17.3494

■ 50.9094, 34.2496,
31.8094

■ 42.3559, 22.5872,
12.1736

■ 55.6739, 41.2262,
41.2664


■ 41.1135, 21.2459,
8.2341


■ 61.5176, 49.9628,
52.3112

■ 40.7166, 20.8824,
6.7756

■ 68.5032, 60.5689,
65.0141

■ 76.6886, 73.1451,
79.4409

 86.1276, 87.7845,
95.6539

 93.5935, 99.2492,
108.8318

Harmonies

Analogous

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



46.1237, 28.9106, 50.4376



47.1543, 28.9106, 23.8639



42.1375, 28.9106, 9.7719

Triad

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



47.1543, 28.9106, 23.8639



18.1473, 28.9106, 7.3971



22.2409, 28.9106, 100.2160

Complementary

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



47.1543, 28.9106, 23.8639



49.9383, 75.6248, 72.2926

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.



16.6876, 28.9106, 72.8779



47.1543, 28.9106, 23.8639



14.6880, 28.9106, 17.9886

Square

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



47.1543, 28.9106, 23.8639



24.6723, 28.9106, 4.1010



14.2161, 28.9106, 40.5622



30.4902, 28.9106, 104.7727

Rectangle

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



47.1543, 28.9106, 23.8639



36.5494, 28.9106, 5.6961



14.2161, 28.9106, 40.5622



20.0485, 28.9106, 92.9002

Sweetspot

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



47.1550, 28.9122, 23.8644



75.3649, 69.4585, 75.1205



46.6289, 27.0872, 94.0372



15.6287, 14.0959, 15.1904



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.



47.1550, 28.9122, 23.8644



45.3144, 25.1602, 16.3861



48.8726, 35.9343, 13.3791



17.4270, 17.2981, 18.8382



21.4520, 10.9965, 3.8227



2.0279, 1.0349, 0.5703

Inverse Universe

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



47.1550, 28.9122, 23.8644



45.3144, 25.1602, 16.3861



45.0717, 56.4472, 99.7864



17.4270, 17.2981, 18.8382



21.4520, 10.9965, 3.8227



2.0279, 1.0349, 0.5703

Previews

White Background



This preview shows how the XYZ color 47.1543, 28.9106, 23.8639 looks on a white background.

Color Contrast Check

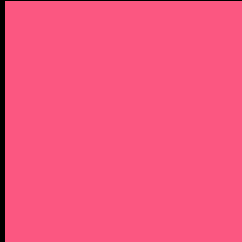
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.1543, 28.9106, 23.8639 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 47.1543, 28.9106, 23.8639

Background



This preview shows how black text looks on a background with the XYZ color 47.1543, 28.9106, 23.8639.



This preview shows how white text looks on a background with the XYZ color 47.1543, 28.9106,

23.8639.

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

47.1543, 28.9106, 23.8639

Protanopia

28.3890, 29.1507, 37.8486

Deuteranopia

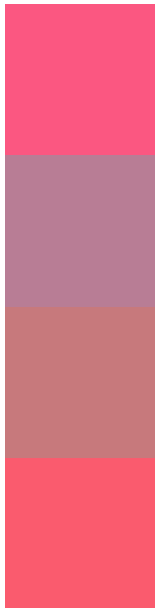
29.5536, 28.9763, 22.1245



Tritanopia

45.2334, 28.8693, 14.9926

Trichromacy



Original Color

47.1543, 28.9106, 23.8639

Protanomaly

32.5256, 27.0275, 31.9363

Deuteranomaly

34.0287, 27.2721, 22.5393

Tritanomaly

45.9799, 28.9320, 17.9129

Monochromacy



Original Color

47.1543, 28.9106, 23.8639

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

30.4088, 25.3046, 26.9485

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.1543, 28.9106, 23.8639 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(251, 87, 129)` looks like.

```
.text, #text, p{  
    color:rgb(251, 87, 129)  
}
```

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(251, 87, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 87, 129) }
```

Border

The CSS property to change the border of an element to XYZ 47.1543, 28.9106, 23.8639 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(251, 87, 129) }
```


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

```
.border{ border-color:rgb(251, 87, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 87, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 87, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 87, 129);  
box-shadow:4px 4px 4px 4px rgb(251, 87,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 47.1543, 28.9106, 23.8639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 87, 129) }
```

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

```
.background{ background-color: rgb(251, 87,  
129) }
```

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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