

Converting Colors

XYZ(46.5204, 27.5958, 27.3017)

Have a look what the booklet for
XYZ(46.5204, 27.5958, 27.3017)
contains.

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Color

**XYZ(46.5231, 27.5958,
27.3006)**

Conversions

Conversions Part 1

Format	Color
Hex	F94F8B
RGB	249, 79, 139
RGB Percent	98%, 31%, 55%
CMY	0.0235, 0.6902, 0.4549
CMYK	0.00, 0.68, 0.44, 0.02
HSL	339°, 93%, 64%
HSV	339°, 68%, 98%
XYZ	46.5231, 27.5958, 27.3006
YIQ	136.6700, 82.0600, 54.7000

Conversions

Conversions Part 2

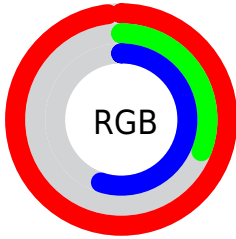
Format	Color
R_{YB}	249, 79, 139
Decimal	16338827
CIE _{Lab}	59.52, 68.52, 4.09
CIE _{LCh}	60, 68.643, 3.420
Yxy	27.5958, 0.4587, 0.2721
Android (android.graphics.Color)	4294528907 (0xFFFF94F8B)
YUV	136.6700, 1.1487, 98.5134
Hunter-Lab	52.5317, 66.1526, 5.9593

Details

The XYZ color **46.5231, 27.5958, 27.3006** is a light color, and the websafe version is hex **FF6699**. The color can be described as light washed rose. A complement of this color would be **46.2874, 73.0885, 59.8177**, and the grayscale version is **23.6291, 24.8597, 27.0722**.

A 20% lighter version of the original color is **59.8429, 43.2427, 55.0618**, and **22.2967, 11.2861, 10.4545** is the 20% darker color. If you saturate the color by 10%, you get **43.9593, 24.2156, 21.0593**, and if you desaturate by 10%, it is **49.9341, 32.3928, 34.6809**.

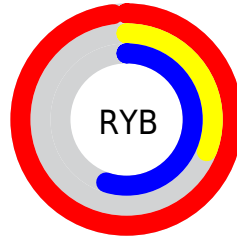
Distribution



Red (98%)

Green (31%)

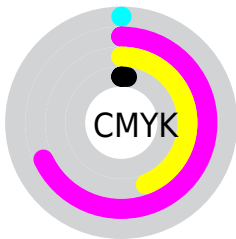
Blue (55%)



Red (98%)

Yellow (31%)

Blue (55%)

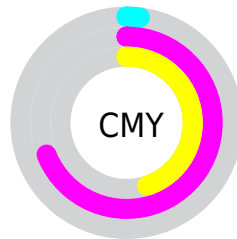


Cyan (0%)

Magenta (68%)

Yellow (44%)

Black (2%)



Cyan (2%)


Magenta (69%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.5231, 27.5958, 27.3006 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 46.5231, 27.5958, 27.3006 by changing the saturation by 10% instead.


 46.5231, 27.5958,
27.3006


 46.5231, 27.5958,
27.3006


363.5885,
290.5304, 302.9157


 32.8652, 18.0212,
17.5647


 84.2244, 55.8385,
56.3754


 22.1819, 10.9652,
10.4717


 108.9985, 75.2753,
76.5515

 14.1080, 6.0434,
5.6031


 138.2087, 98.7684,
101.0446

 8.2780, 2.8715,
2.5405

 172.2203,
126.7020, 130.2733

 4.3267, 1.0650,
0.8615

211.3988,
159.4606, 164.6563

 1.8885, 0.0000,
0.0000

256.1094,

 0.5702, 0.0000,

197.4287, 204.6120

0.0000

306.7175,
240.9905, 250.5590

■ 0.0000, 0.0000,
0.0000

■ 46.5231, 27.5958,
27.3006

■ 46.5231, 27.5958,
27.3006

■ 43.9593, 24.2156,
21.0593

■ 49.9341, 32.3928,
34.6809

■ 42.1534, 22.0856,
15.8892

■ 54.2644, 38.7393,
43.2585


■ 40.9874, 20.9828,
11.7112


■ 59.5807, 46.7579,
53.0889


■ 40.8230, 20.8422,
11.0763

■ 65.9424, 56.5574,
64.2234

■ 73.4042, 68.2374,
76.7101

 82.0167, 81.8901,
90.5944

 91.8276, 97.6015,
105.9197

 92.8768, 98.8797,
108.7983

Harmonies

Analogous

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



44.0422, 27.5958, 56.7197



46.5231, 27.5958, 27.3006



42.6586, 27.5958, 10.7382

Triad

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



46.5231, 27.5958, 27.3006



18.1105, 27.5958, 5.2765



19.4831, 27.5958, 95.7292

Complementary

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



46.5231, 27.5958, 27.3006



46.2874, 73.0885, 59.8177

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.



14.6743, 27.5958, 64.5546



46.5231, 27.5958, 27.3006



14.0125, 27.5958, 13.4055

Square

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



46.5231, 27.5958, 27.3006



25.2516, 27.5958, 3.1952



12.9077, 27.5958, 32.9720



27.2313, 27.5958, 106.8233

Rectangle

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



46.5231, 27.5958, 27.3006



37.4120, 27.5958, 5.7621



12.9077, 27.5958, 32.9720



17.5313, 27.5958, 86.6407

Sweetspot

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



46.5238, 27.5973, 27.3011



76.0174, 69.7196, 78.5566



40.3086, 22.9564, 91.9288



15.7833, 14.1577, 16.0043



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.



46.5238, 27.5973, 27.3011



45.5846, 24.5548, 20.0085



45.1981, 30.1436, 10.8353



17.4976, 17.3264, 19.2100



21.9129, 11.1809, 6.2496



2.0778, 1.0548, 0.8330

Inverse Universe

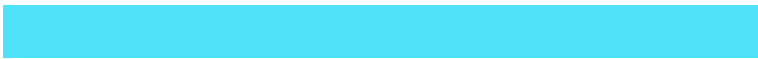
The Inverse Universe completely reimagines the original color for something new.



46.5238, 27.5973, 27.3011



45.5846, 24.5548, 20.0085



47.6116, 63.0771, 99.2880



17.4976, 17.3264, 19.2100



21.9129, 11.1809, 6.2496



2.0778, 1.0548, 0.8330

Previews

White Background



This preview shows how the XYZ color 46.5231, 27.5958, 27.3006 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 46.5231, 27.5958, 27.3006 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 46.5231, 27.5958, 27.3006

Background



This preview shows how black text looks on a background with the XYZ color 46.5231, 27.5958, 27.3006.



This preview shows how white text looks on a background with the XYZ color 46.5231, 27.5958,

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

46.5231, 27.5958, 27.3006

Protanopia

27.6628, 27.7148, 44.9658

Deuteranopia

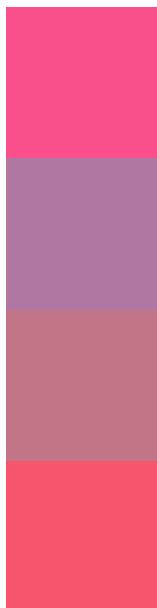
28.2296, 27.7853, 25.3480



Tritanopia

43.5988, 27.5457, 13.6086

Trichromacy



Original Color

46.5231, 27.5958, 27.3006

Protanomaly

31.3391, 25.1851, 37.8598

Deuteranomaly

32.9125, 25.9131, 25.8213

Tritanomaly

44.4207, 27.3969, 17.6988

Monochromacy



Original Color

46.5231, 27.5958, 27.3006

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

29.1929, 23.7907, 27.0982

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.5231, 27.5958, 27.3006 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(249, 79, 139)` looks like.

```
.text, #text, p{  
    color:rgb(249, 79, 139)  
}
```

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(249, 79, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 79, 139) }
```

Border

The CSS property to change the border of an element to XYZ 46.5231, 27.5958, 27.3006 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(249, 79, 139) }
```


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

```
.border{ border-color:rgb(249, 79, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 79, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 79, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 79, 139);  
box-shadow:4px 4px 4px 4px rgb(249, 79,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 46.5231, 27.5958, 27.3006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 79, 139) }
```

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

```
.background{ background-color: rgb(249, 79,  
139) }
```

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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