

Converting Colors

XYZ(48.5957, 28.9818, 25.9299)

Have a look what the booklet for
XYZ(48.5957, 28.9818, 25.9299)
contains.

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Color

**XYZ(48.6305, 29.0439,
25.9646)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5287
RGB	255, 82, 135
RGB Percent	100%, 32%, 53%
CMY	0.0000, 0.6784, 0.4706
CMYK	0.00, 0.68, 0.47, 0.00
HSL	342°, 100%, 66%
HSV	342°, 68%, 100%
XYZ	48.6305, 29.0439, 25.9646
YIQ	139.7690, 86.0950, 53.1590

Conversions

Conversions Part 2

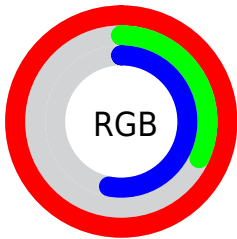
Format	Color
RYB	255, 82, 135
Decimal	16732807
CIELab	60.82, 68.79, 8.43
CIElCh	61, 69.300, 6.983
Yxy	29.0439, 0.4692, 0.2802
Android (android.graphics.Color)	4294922887 (0xFFFF5287)
YUV	139.7690, -2.3511, 101.0576
Hunter-Lab	53.8924, 66.7601, 9.1596

Details

The XYZ color **48.6305, 29.0439, 25.9646** 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 **49.9025, 77.5789, 68.2276**, and the grayscale version is **24.8247, 26.1176, 28.4420**.

A 20% lighter version of the original color is **59.8420, 43.9406, 52.9043**, and **23.6720, 12.0093, 9.8745** is the 20% darker color. If you saturate the color by 10%, you get **45.9082, 25.4298, 19.4147**, and if you desaturate by 10%, it is **52.2752, 34.1719, 33.8433**.

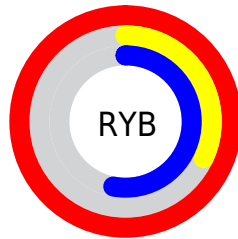
Distribution



Red (100%)

Green (32%)

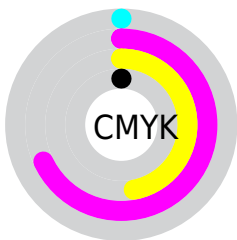
Blue (53%)



Red (100%)

Yellow (32%)

Blue (53%)

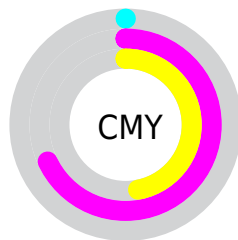


Cyan (0%)

Magenta (68%)

Yellow (47%)

Black (0%)



Cyan (0%)


Magenta (68%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.6305, 29.0439, 25.9646 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 48.6305, 29.0439, 25.9646 by changing the saturation by 10% instead.


 48.6305, 29.0439,
25.9646


 48.6305, 29.0439,
25.9646


371.8270,
297.4220, 296.2082

 34.5398, 19.1140,
16.5716


 87.3464, 58.1468,
54.2012


 23.4734, 11.7527,
9.7708


 112.7024, 78.0887,
73.8819

 15.0661, 6.5755,
5.1437


 142.5441,
102.1366, 97.8290

 8.9524, 3.1981,
2.2716

 177.2370,
130.6751, 126.4609

 4.7670, 1.2360,
0.7152

217.1464,
164.0885, 160.1963

 2.1446, 0.0908,
0.0000

262.6376,

 0.7133, 0.0000,

202.7612, 199.4536

0.0000

314.0760,
247.0776, 244.6514

■ 0.0000, 0.0000,
0.0000

■ 48.6305, 29.0439,
25.9646

■ 48.6305, 29.0439,
25.9646

■ 45.9082, 25.4298,
19.4147

■ 52.2752, 34.1719,
33.8433

■ 44.0122, 23.1533,
14.1104

■ 56.9205, 40.9547,
43.1232

■ 42.8202, 21.9878,
9.9567

■ 62.6385, 49.5222,
53.8723

■ 42.6190, 21.8116,
9.1924

■ 69.4937, 59.9899,
66.1538

■ 77.5454, 72.4638,
80.0269

86.8486, 87.0418,
95.5474

95.0499, 100.0000,
108.9000

Harmonies

Analogous

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



46.8281, 29.0439, 55.2740



48.6305, 29.0439, 25.9646



43.8944, 29.0439, 10.1752

Triad

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



48.6305, 29.0439, 25.9646



18.4362, 29.0439, 6.2357



21.3678, 29.0439, 102.8439

Complementary

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



48.6305, 29.0439, 25.9646



49.9025, 77.5789, 68.2276

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.



15.9457, 29.0439, 71.8710



48.6305, 29.0439, 25.9646



14.5284, 29.0439, 15.9150

Square

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



48.6305, 29.0439, 25.9646



25.5513, 29.0439, 3.5118



13.7279, 29.0439, 38.0509



29.7667, 29.0439, 110.9120

Rectangle

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



48.6305, 29.0439, 25.9646



38.1674, 29.0439, 5.5917



13.7279, 29.0439, 38.0509



19.1973, 29.0439, 94.1779

Sweetspot

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



48.6313, 29.0455, 25.9651



75.7011, 69.5930, 76.8910



44.9463, 25.5659, 97.1733



15.7083, 14.1277, 15.6093



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.



48.6313, 29.0455, 25.9651



45.2245, 24.5745, 17.6073



48.7497, 33.8422, 11.9477



18.2384, 18.0787, 19.8728



22.3274, 11.4203, 5.1088



2.2202, 1.1305, 0.7412

Inverse Universe

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



48.6313, 29.0455, 25.9651



45.2245, 24.5745, 17.6073



47.9945, 61.9422, 104.0340



18.2384, 18.0787, 19.8728



22.3274, 11.4203, 5.1088



2.2202, 1.1305, 0.7412

Previews

White Background



This preview shows how the XYZ color 48.6305, 29.0439, 25.9646 looks on a white background.

Color Contrast Check

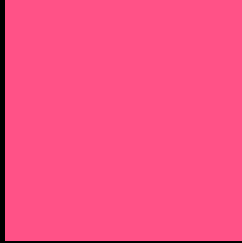
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.6305, 29.0439, 25.9646 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 48.6305, 29.0439, 25.9646

Background



This preview shows how black text looks on a background with the XYZ color 48.6305, 29.0439, 25.9646.



This preview shows how white text looks on a background with the XYZ color 48.6305, 29.0439,

25.9646.

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

48.6305, 29.0439, 25.9646

Protanopia

28.7849, 29.2488, 42.6565

Deuteranopia

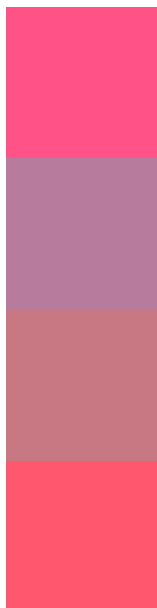
29.5041, 28.9069, 24.1032



Tritanopia

46.2755, 29.0395, 14.2325

Trichromacy



Original Color

48.6305, 29.0439, 25.9646

Protanomaly

32.7830, 26.7018, 35.7739

Deuteranomaly

34.5652, 27.3240, 24.5714

Tritanomaly

47.0957, 29.0130, 17.8697

Monochromacy



Original Color

48.6305, 29.0439, 25.9646

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

30.4757, 24.9737, 27.2589

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.6305, 29.0439, 25.9646 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(255, 82, 135)` looks like.

```
.text, #text, p{  
    color:rgb(255, 82, 135)  
}
```

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(255, 82, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 82, 135) }
```

Border

The CSS property to change the border of an element to XYZ 48.6305, 29.0439, 25.9646 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(255, 82, 135) }
```


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

```
.border{ border-color:rgb(255, 82, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 82, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 82, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 82, 135);  
box-shadow:4px 4px 4px 4px rgb(255, 82,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 48.6305, 29.0439, 25.9646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 82, 135) }
```

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

```
.background{ background-color: rgb(255, 82,  
135) }
```

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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