

Converting Colors

XYZ(58.9534, 31.9642, 22.4540)

Have a look what the booklet for
XYZ(58.9534, 31.9642, 22.4540)
contains.

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Color

**XYZ(46.3079, 25.4730,
21.8781)**

Conversions

Conversions Part 1

Format	Color
Hex	FF377D
RGB	255, 55, 125
RGB Percent	100%, 22%, 49%
CMY	0.0000, 0.7843, 0.5098
CMYK	0.00, 0.78, 0.51, 0.00
HSL	339°, 100%, 61%
HSV	339°, 78%, 100%
XYZ	46.3079, 25.4730, 21.8781
YIQ	122.7800, 96.7300, 64.1700

Conversions

Conversions Part 2

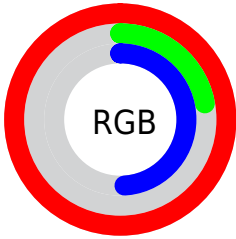
Format	Color
RYB	255, 55, 125
Decimal	16725885
CIELab	57.53, 76.48, 9.64
CIELCh	58, 77.088, 7.183
Yxy	25.4730, 0.4944, 0.2720
Android (android.graphics.Color)	4294915965 (0xFFFF377D)
YUV	122.7800, 1.0945, 115.9569
Hunter-Lab	50.4708, 75.4533, 9.6285

Details

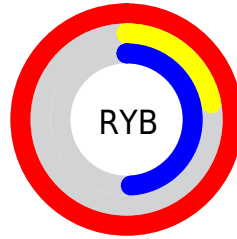
The XYZ color **46.3079, 25.4730, 21.8781** is a dark color, and the websafe version is hex **FF0066**. The color can be described as middle washed rose. A complement of this color would be **46.0949, 75.8360, 58.1155**, and the grayscale version is **18.7307, 19.7061, 21.4600**.

A 20% lighter version of the original color is **56.0132, 38.1091, 45.9985**, and **23.0778, 11.7423, 8.0713** is the 20% darker color. If you saturate the color by 10%, you get **44.4215, 23.2559, 16.4536**, and if you desaturate by 10%, it is **48.9972, 29.0133, 28.4425**.

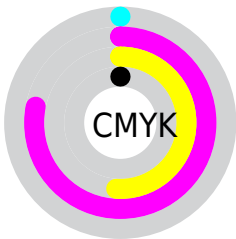
Distribution



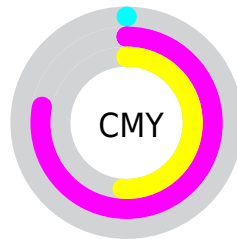
- Red (100%)
- Green (22%)
- Blue (49%)



- Red (100%)
- Yellow (22%)
- Blue (49%)



- Cyan (0%)
- Magenta (78%)
- Yellow (51%)
- Black (0%)





- Cyan (0%)
- Magenta (78%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.3079, 25.4730, 21.8781 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 46.3079, 25.4730, 21.8781 by changing the saturation by 10% instead.


 46.3079, 25.4730,
21.8781


 46.3079, 25.4730,
21.8781


362.7404,
280.1854, 274.8417


 32.6945, 16.4298,
13.5699


 83.9047, 52.4235,
47.4440


 22.0506, 9.8288,
7.6868


 108.6187, 71.0997,
65.5389

 14.0109, 5.2856,
3.8103


 137.7637, 93.7556,
87.7330

 8.2100, 2.4158,
1.5219

 171.7051,
120.7756, 114.4449

 4.2826, 0.8340,
0.2341

 210.8080,
152.5442, 146.0932

 1.8632, 0.0000,
0.0000

255.4380,

 0.5553, 0.0000,

189.4458, 183.0964

0.0000

305.9603,
231.8647, 225.8731

■ 0.0000, 0.0000,
0.0000

■ 46.3079, 25.4730,
21.8781

■ 46.3079, 25.4730,
21.8781

■ 44.4215, 23.2559,
16.4536

■ 48.9972, 29.0133,
28.4425

■ 43.2087, 22.1172,
12.0821

■ 52.5803, 34.0451,
36.2168

■ 43.0531, 21.9852,
11.4781

■ 57.1369, 40.7158,
45.2655

■ 62.7371, 49.1541,
55.6476

■ 69.4442, 59.4755,
67.4179

■ 77.3162, 71.7858,
80.6279

■ 86.4072, 86.1828,
95.3264

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.



44.4179, 25.4730, 52.3444



46.3079, 25.4730, 21.8781



41.1890, 25.4730, 7.0188

Triad

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



46.3079, 25.4730, 21.8781



15.0272, 25.4730, 3.8011



17.9867, 25.4730, 105.3895

Complementary

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



46.3079, 25.4730, 21.8781



46.0949, 75.8360, 58.1155

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.



12.6880, 25.4730, 70.9255



46.3079, 25.4730, 21.8781



11.3056, 25.4730, 12.3790

Square

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



46.3079, 25.4730, 21.8781



22.0688, 25.4730, 1.7320



10.5735, 25.4730, 34.5555



26.4882, 25.4730, 114.3026

Rectangle

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



46.3079, 25.4730, 21.8781



35.1026, 25.4730, 3.2431



10.5735, 25.4730, 34.5555



15.8439, 25.4730, 95.6829

Sweetspot

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



46.3086, 25.4745, 21.8785



72.7810, 64.6721, 73.0833



39.4257, 20.2688, 96.4419



14.9992, 12.9404, 14.6617



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.



46.3086, 25.4745, 21.8785



43.6760, 22.5146, 13.8942



45.1794, 28.0350, 6.6464



18.2718, 18.0920, 20.0486



22.5598, 11.5132, 6.3322



2.2460, 1.1408, 0.8766

Inverse Universe

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



46.3086, 25.4745, 21.8785



43.6760, 22.5146, 13.8942



46.5522, 61.8842, 104.0989



18.2718, 18.0920, 20.0486



22.5598, 11.5132, 6.3322



2.2460, 1.1408, 0.8766

Previews

White Background



This preview shows how the XYZ color 46.3079, 25.4730, 21.8781 looks on a white background.

Color Contrast Check

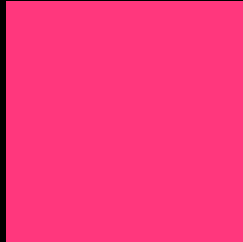
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.3079, 25.4730, 21.8781 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 46.3079, 25.4730, 21.8781

Background



This preview shows how black text looks on a background with the XYZ color 46.3079, 25.4730, 21.8781.



This preview shows how white text looks on a background with the XYZ color 46.3079, 25.4730,

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

46.3079, 25.4730, 21.8781

Protanopia

25.4672, 25.5812, 41.1315

Deuteranopia

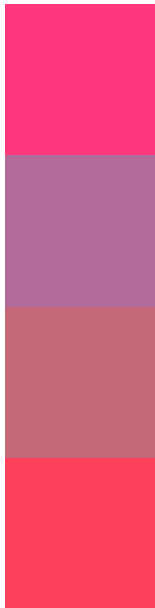
25.9792, 25.4864, 19.7698



Tritanopia

43.4427, 25.4196, 8.7477

Trichromacy



Original Color

46.3079, 25.4730, 21.8781

Protanomaly

28.9120, 22.0454, 32.8684

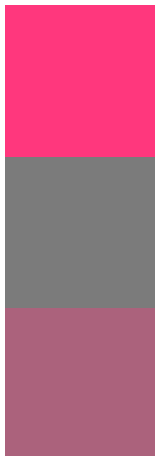
Deuteranomaly

30.8870, 23.0372, 20.2715

Tritanomaly

44.2297, 25.3048, 12.4507

Monochromacy



Original Color

46.3079, 25.4730, 21.8781

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

24.8004, 18.8485, 21.3998

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.3079, 25.4730, 21.8781 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, 55, 125)` looks like.

```
.text, #text, p{  
    color:rgb(255, 55, 125)  
}
```

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, 55, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 55, 125) }
```

Border

The CSS property to change the border of an element to XYZ 46.3079, 25.4730, 21.8781 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, 55, 125) }
```


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

```
.border{ border-color:rgb(255, 55, 125) }
```

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

Here you see how a box with a 4 pixel rgb(255, 55, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 55, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 55, 125);  
box-shadow:4px 4px 4px 4px rgb(255, 55,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 46.3079, 25.4730, 21.8781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 55, 125) }
```

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

```
.background{ background-color: rgb(255, 55,  
125) }
```

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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