

Converting Colors

XYZ(45.6220, 26.8340, 21.9446)

Have a look what the booklet for
XYZ(45.6220, 26.8340, 21.9446)
contains.

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Color

**XYZ(45.5785, 26.8114,
21.8416)**

Conversions

Conversions Part 1

Format	Color
Hex	FA4B7C
RGB	250, 75, 124
RGB Percent	98%, 29%, 49%
CMY	0.0196, 0.7058, 0.5137
CMYK	0.00, 0.70, 0.50, 0.02
HSL	343°, 95%, 64%
HSV	343°, 70%, 98%
XYZ	45.5785, 26.8114, 21.8416
YIQ	132.9110, 88.5710, 52.3390

Conversions

Conversions Part 2

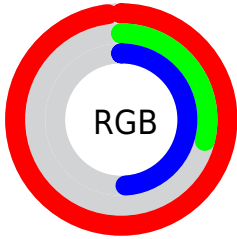
Format	Color
R_{YB}	250, 75, 124
Decimal	16403324
CIE _{Lab}	58.80, 68.95, 11.89
CIE _{LCh}	59, 69.967, 9.782
Yxy	26.8114, 0.4837, 0.2845
Android (android.graphics.Color)	4294593404 (0xFFFA4B7C)
YUV	132.9110, -4.3931, 102.6871
Hunter-Lab	51.7797, 66.5080, 11.2362

Details

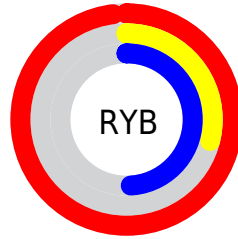
The XYZ color **45.5785, 26.8114, 21.8416** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle washed rose. A complement of this color would be **47.6320, 74.0849, 67.0544**, and the grayscale version is **22.2565, 23.4156, 25.4996**.

A 20% lighter version of the original color is **57.7404, 41.7225, 46.0843**, and **21.7980, 11.0866, 7.8285** is the 20% darker color. If you saturate the color by 10%, you get **43.1668, 23.6467, 15.9246**, and if you desaturate by 10%, it is **48.8651, 31.3936, 29.0759**.

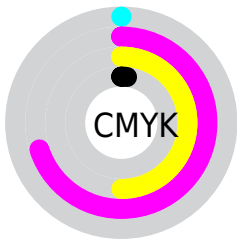
Distribution



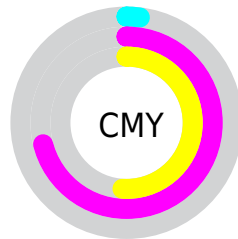
- Red (98%)
- Green (29%)
- Blue (49%)



- Red (98%)
- Yellow (29%)
- Blue (49%)



- Cyan (0%)
- Magenta (70%)
- Yellow (50%)
- Black (2%)





- Cyan (2%)
- Magenta (71%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.5785, 26.8114, 21.8416 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 45.5785, 26.8114, 21.8416 by changing the saturation by 10% instead.


 45.5785, 26.8114,
21.8416

 45.5785, 26.8114,
21.8416


359.8559,
286.7428, 274.6444


 32.1166, 17.4316,
13.5434


 82.8196, 54.5811,
47.3829

 21.6065, 10.5427,
7.6686


 107.3294, 73.7398,
65.4630

 13.6830, 5.7602,
3.7989


 136.2526, 96.9269,
87.6408

 7.9808, 2.6998,
1.5157

 169.9544,
124.5268, 114.3349

 4.1343, 0.9771,
0.2296

208.8003,
156.9240, 145.9637

 1.7784, 0.0000,
0.0000

253.1556,

 0.5046, 0.0000,

194.5028, 182.9459

0.0000

303.3857,
237.6476, 225.7000

■ 0.0000, 0.0000,
0.0000

■ 45.5785, 26.8114,
21.8416

■ 45.5785, 26.8114,
21.8416

■ 43.1668, 23.6467,
15.9246

■ 48.8651, 31.3936,
29.0759

■ 41.5335, 21.7242,
11.2363

■ 53.1047, 37.5323,
37.7044


■ 40.5297, 20.7663,
7.6660


■ 58.3687, 45.3548,
47.7994


■ 40.5293, 20.7660,
7.6646

■ 64.7208, 54.9741,
59.4273

■ 72.2195, 66.4932,
72.6504

 80.9190, 80.0072,
87.5272

 90.8700, 95.6049,
104.1134

 93.2342, 99.0639,
108.8150

Harmonies

Analogous

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



44.4374, 26.8114, 48.8848



45.5785, 26.8114, 21.8416



40.4775, 26.8114, 8.1232

Triad

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



45.5785, 26.8114, 21.8416



16.2735, 26.8114, 5.7870



20.1691, 26.8114, 100.3309

Complementary

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



45.5785, 26.8114, 21.8416



47.6320, 74.0849, 67.0544

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.



14.7419, 26.8114, 71.3715



45.5785, 26.8114, 21.8416



12.8702, 26.8114, 15.6588

Square

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



45.5785, 26.8114, 21.8416



22.7673, 26.8114, 2.9420



12.3812, 26.8114, 38.0327



28.4074, 26.8114, 105.5116

Rectangle

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



45.5785, 26.8114, 21.8416



34.7785, 26.8114, 4.3755



12.3812, 26.8114, 38.0327



18.0123, 26.8114, 92.5072

Sweetspot

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



45.5792, 26.8129, 21.8420



74.6836, 68.2241, 74.4978



43.7038, 24.2731, 92.8239



15.5024, 13.8586, 15.1012



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.



45.5792, 26.8129, 21.8420



44.3636, 23.7671, 14.5012



46.5914, 32.6258, 10.5005



17.4443, 17.3051, 18.9295



21.5506, 11.0359, 4.3417



2.0390, 1.0393, 0.6289

Inverse Universe

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



45.5792, 26.8129, 21.8420



44.3636, 23.7671, 14.5012



43.7227, 55.5282, 98.8557



17.4443, 17.3051, 18.9295



21.5506, 11.0359, 4.3417



2.0390, 1.0393, 0.6289

Previews

White Background



This preview shows how the XYZ color 45.5785, 26.8114, 21.8416 looks on a white background.

Color Contrast Check

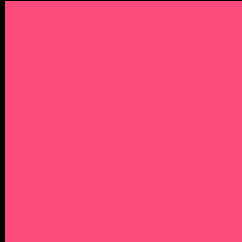
Large Text (above 18pt) WCAG AA ✓ Pass

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 45.5785, 26.8114, 21.8416 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 45.5785, 26.8114, 21.8416

Background



This preview shows how black text looks on a background with the XYZ color 45.5785, 26.8114, 21.8416.



This preview shows how white text looks on a background with the XYZ color 45.5785, 26.8114,

21.8416.

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

45.5785, 26.8114, 21.8416

Protanopia

26.4303, 27.0419, 36.6275

Deuteranopia

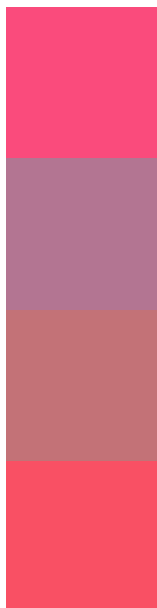
27.2664, 26.7618, 20.2514



Tritanopia

43.5250, 26.8311, 11.9017

Trichromacy



Original Color

45.5785, 26.8114, 21.8416

Protanomaly

30.1400, 24.3816, 30.3117

Deuteranomaly

31.8528, 24.9686, 20.5934

Tritanomaly

44.2358, 26.7972, 14.8975

Monochromacy



Original Color

45.5785, 26.8114, 21.8416

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

27.7279, 22.4302, 23.9871

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.5785, 26.8114, 21.8416 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(250, 75, 124)` looks like.

```
.text, #text, p{  
    color:rgb(250, 75, 124)  
}
```

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(250, 75, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 75, 124) }
```

Border

The CSS property to change the border of an element to XYZ 45.5785, 26.8114, 21.8416 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(250, 75, 124) }
```


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

```
.border{ border-color:rgb(250, 75, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 75, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 75, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 75, 124);  
box-shadow:4px 4px 4px 4px rgb(250, 75,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 45.5785, 26.8114, 21.8416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 75, 124) }
```

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

```
.background{ background-color: rgb(250, 75,  
124) }
```

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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