

Converting Colors

XYZ(46.6242, 25.4466, 27.3764)

Have a look what the booklet for
XYZ(46.6242, 25.4466, 27.3764)
contains.

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Color

**XYZ(46.5608, 25.4144,
27.2624)**

Conversions

Conversions Part 1

Format	Color
Hex	FD368C
RGB	253, 54, 140
RGB Percent	99%, 21%, 55%
CMY	0.0078, 0.7882, 0.4510
CMYK	0.00, 0.79, 0.45, 0.01
HSL	334°, 98%, 60%
HSV	334°, 79%, 99%
XYZ	46.5608, 25.4144, 27.2624
YIQ	123.3050, 90.9980, 68.9340

Conversions

Conversions Part 2

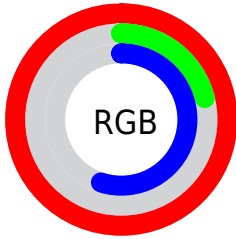
Format	Color
R_{YB}	253, 54, 140
Decimal	16594572
CIE _{Lab}	57.48, 77.44, 0.63
CIE _{LCh}	57, 77.444, 0.465
Yxy	25.4144, 0.4692, 0.2561
Android (android.graphics.Color)	4294784652 (0xFFFD368C)
YUV	123.3050, 8.2306, 113.7425
Hunter-Lab	50.4127, 76.6391, 3.2258

Details

The XYZ color **46.5608, 25.4144, 27.2624** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **43.6238, 73.8257, 48.5170**, and the grayscale version is **18.8823, 19.8657, 21.6337**.

A 20% lighter version of the original color is **57.5821, 38.5432, 54.8567**, and **23.0807, 11.6853, 10.7119** is the 20% darker color. If you saturate the color by 10%, you get **44.6826, 23.2444, 21.7463**, and if you desaturate by 10%, it is **49.1902, 28.8656, 33.7117**.

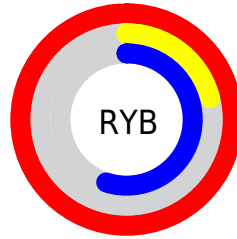
Distribution



Red (99%)

Green (21%)

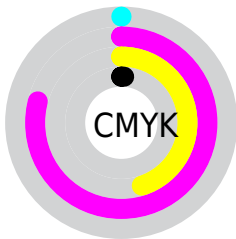
Blue (55%)



Red (99%)

Yellow (21%)

Blue (55%)

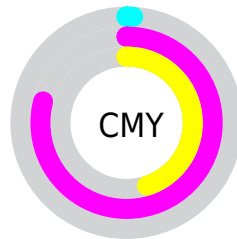


Cyan (0%)

Magenta (79%)

Yellow (45%)

Black (1%)



Cyan (1%)


Magenta (79%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.5608, 25.4144, 27.2624 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 46.5608, 25.4144, 27.2624 by changing the saturation by 10% instead.

 46.5608, 25.4144,
27.2624


 46.5608, 25.4144,
27.2624


363.7369,
279.8954, 302.7256


 32.8951, 16.3861,
17.5362


 84.2804, 52.3287,
56.3135


 22.2049, 9.7978,
10.4515


 109.0650, 70.9835,
76.4755


 14.1250, 5.2651,
5.5899


 138.2866, 93.6158,
100.9532

 8.2899, 2.4036,
2.5326

 172.3105,
120.6102, 130.1650

 4.3344, 0.8277,
0.8574

 211.5022,
152.3509, 164.5297

 1.8930, 0.0000,
0.0000

256.2269,

 0.5728, 0.0000,

189.2225, 204.4657

0.0000

306.8500,
231.6092, 250.3915

■ 0.0000, 0.0000,
0.0000

■ 46.5608, 25.4144,
27.2624

■ 46.5608, 25.4144,
27.2624

■ 44.6826, 23.2444,
21.7463

■ 49.1902, 28.8656,
33.7117

■ 43.4289, 22.1103,
17.0945


■ 52.6570, 33.7622,
41.1473


■ 43.2859, 21.9938,
16.5240

■ 57.0373, 40.2486,
49.6183

■ 62.3972, 48.4499,
59.1692

■ 68.7966, 58.4789,
69.8414

 76.2904, 70.4386,
81.6739

 84.9295, 84.4244,
94.7036

94.3082, 99.6187,
108.8144

94.3179, 99.6226,
108.8657

Harmonies

Analogous

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



43.0855, 25.4144, 60.9852



46.5608, 25.4144, 27.2624



42.8745, 25.4144, 9.0929

Triad

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



46.5608, 25.4144, 27.2624



16.2393, 25.4144, 2.9299



16.4311, 25.4144, 99.4737

Complementary

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



46.5608, 25.4144, 27.2624



43.6238, 73.8257, 48.5170

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.



11.8751, 25.4144, 62.2005



46.5608, 25.4144, 27.2624



11.7858, 25.4144, 9.4366

Square

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



46.5608, 25.4144, 27.2624



24.0122, 25.4144, 1.6252



10.4158, 25.4144, 28.0856



24.2996, 25.4144, 115.7610

Rectangle

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



46.5608, 25.4144, 27.2624



37.2821, 25.4144, 4.0857



10.4158, 25.4144, 28.0856



14.5406, 25.4144, 88.1634

Sweetspot

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



46.5615, 25.4158, 27.2628



73.4381, 64.9349, 76.5440



34.9380, 17.9224, 94.5463



15.1554, 13.0028, 15.4841



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.



46.5615, 25.4158, 27.2628



44.7376, 22.9392, 19.4845



43.1981, 25.1969, 6.0786



18.3353, 18.1174, 20.3826



23.0964, 11.7278, 9.1579



2.3024, 1.1633, 1.1736

Inverse Universe

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



46.5615, 25.4158, 27.2628



44.7376, 22.9392, 19.4845



50.3336, 70.0403, 103.7946



18.3353, 18.1174, 20.3826



23.0964, 11.7278, 9.1579



2.3024, 1.1633, 1.1736

Previews

White Background



This preview shows how the XYZ color 46.5608, 25.4144, 27.2624 looks on a white background.

Color Contrast Check

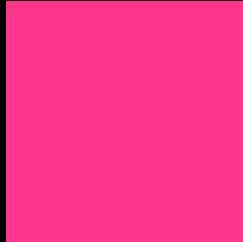
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.5608, 25.4144, 27.2624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

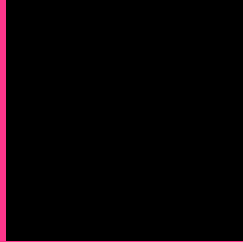
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.5608, 25.4144, 27.2624

Background



This preview shows how black text looks on a background with the XYZ color 46.5608, 25.4144, 27.2624.



This preview shows how white text looks on a background with the XYZ color 46.5608, 25.4144,

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

46.5608, 25.4144, 27.2624

Protanopia

26.2993, 25.7764, 51.7333

Deuteranopia

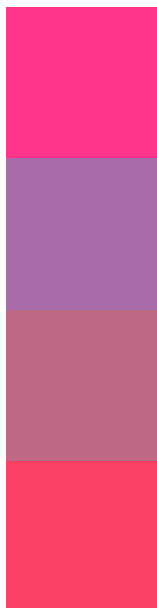
26.0719, 25.6305, 24.6921



Tritanopia

42.6888, 25.2963, 9.4702

Trichromacy



Original Color

46.5608, 25.4144, 27.2624

Protanomaly

29.1859, 22.0017, 41.2366

Deuteranomaly

30.8405, 22.9007, 25.3491

Tritanomaly

43.5668, 25.0054, 14.3347

Monochromacy



Original Color

46.5608, 25.4144, 27.2624

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

24.9077, 18.8664, 23.0977

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.5608, 25.4144, 27.2624 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(253, 54, 140)` looks like.

```
.text, #text, p{  
    color:rgb(253, 54, 140)  
}
```

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(253, 54, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 54, 140) }
```

Border

The CSS property to change the border of an element to XYZ 46.5608, 25.4144, 27.2624 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(253, 54, 140) }
```


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

```
.border{ border-color:rgb(253, 54, 140) }
```

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

Here you see how a box with a 4 pixel rgb(253, 54, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 54, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 54, 140);  
box-shadow:4px 4px 4px 4px rgb(253, 54,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 46.5608, 25.4144, 27.2624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 54, 140) }
```

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

```
.background{ background-color: rgb(253, 54,  
140) }
```

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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