

Converting Colors

XYZ(45.8373, 27.6593, 24.3743)

Have a look what the booklet for
XYZ(45.8373, 27.6593, 24.3743)
contains.

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Color

**XYZ(45.8254, 27.6297,
24.3905)**

Conversions

Conversions Part 1

Format	Color
Hex	F85283
RGB	248, 82, 131
RGB Percent	97%, 32%, 51%
CMY	0.0275, 0.6784, 0.4863
CMYK	0.00, 0.67, 0.47, 0.03
HSL	342°, 92%, 65%
HSV	342°, 67%, 97%
XYZ	45.8254, 27.6297, 24.3905
YIQ	137.2200, 83.2070, 50.4310

Conversions

Conversions Part 2

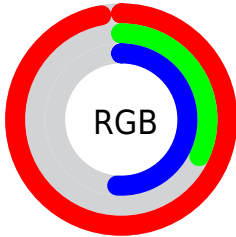
Format	Color
R _Y B	248, 82, 131
Decimal	16274051
CIE Lab	59.55, 66.41, 8.80
CIE LCh	60, 66.988, 7.547
Yxy	27.6297, 0.4683, 0.2824
Android (android.graphics.Color)	4294464131 (0xFF85283)
YUV	137.2200, -3.0665, 97.1541
Hunter-Lab	52.5640, 63.6298, 9.2833

Details

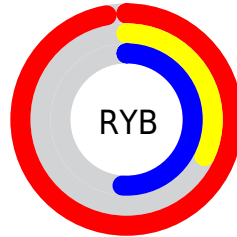
The XYZ color **45.8254, 27.6297, 24.3905** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **47.3578, 73.0529, 65.6431**, and the grayscale version is **23.8517, 25.0938, 27.3272**.

A 20% lighter version of the original color is **59.2698, 43.4769, 50.6154**, and **21.7727, 11.0483, 8.9676** is the 20% darker color. If you saturate the color by 10%, you get **43.1948, 24.1075, 18.1533**, and if you desaturate by 10%, it is **49.3327, 32.5856, 31.9065**.

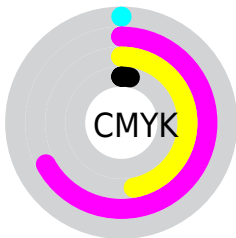
Distribution



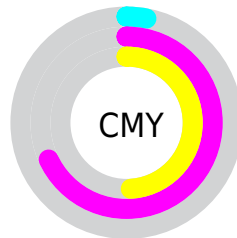
- Red (97%)
- Green (32%)
- Blue (51%)



- Red (97%)
- Yellow (32%)
- Blue (51%)



- Cyan (0%)
- Magenta (67%)
- Yellow (47%)
- Black (3%)





- Cyan (3%)
- Magenta (68%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.8254, 27.6297, 24.3905 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 45.8254, 27.6297, 24.3905 by changing the saturation by 10% instead.


 45.8254, 27.6297,
24.3905


 45.8254, 27.6297,
24.3905

360.8340,
290.6932, 288.1387


 32.3121, 18.0467,
15.4087


 83.1871, 55.8927,
51.6185


 21.7567, 10.9835,
8.9569


 107.7662, 75.3415,
70.7017

 13.7938, 6.0558,
4.6167


 136.7646, 98.8477,
93.9892

 8.0582, 2.8790,
1.9694

 170.5477,
126.7956, 121.8994

 4.1843, 1.0689,
0.5363

209.4809,
159.5698, 154.8509

 1.8069, 0.0000,
0.0000

253.9294,

 0.5218, 0.0000,

197.5545, 193.2623

0.0000

304.2586,
241.1342, 237.5520

■ 0.0000, 0.0000,
0.0000

■ 45.8254, 27.6297,
24.3905

■ 45.8254, 27.6297,
24.3905

■ 43.1948, 24.1075,
18.1533

■ 49.3327, 32.5856,
31.9065

■ 41.3521, 21.8569,
13.1152

■ 53.7892, 39.1051,
40.7709


■ 40.1892, 20.6797,
9.1866


■ 59.2620, 47.3085,
51.0493


■ 39.9204, 20.4400,
8.1785

■ 65.8114, 57.3030,
62.8025

■ 73.4927, 69.1869,
76.0874

 82.3574, 83.0513,
90.9579

 92.2590, 98.5915,
107.4002

 92.5213, 98.6964,
108.7817

Harmonies

Analogous

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



44.2663, 27.6297, 51.5192



45.8254, 27.6297, 24.3905



41.3195, 27.6297, 9.7378

Triad

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



45.8254, 27.6297, 24.3905



17.5714, 27.6297, 6.2504



20.5454, 27.6297, 96.5941

Complementary

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



45.8254, 27.6297, 24.3905



47.3578, 73.0529, 65.6431

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.



15.3940, 27.6297, 68.1587



45.8254, 27.6297, 24.3905



13.9507, 27.6297, 15.6117

Square

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



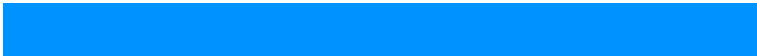
45.8254, 27.6297, 24.3905



24.1896, 27.6297, 3.5438



13.2491, 27.6297, 36.6011



28.4478, 27.6297, 103.5362

Rectangle

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



45.8254, 27.6297, 24.3905



35.9525, 27.6297, 5.4565



13.2491, 27.6297, 36.6011



18.4896, 27.6297, 88.7019

Sweetspot

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



45.8261, 27.6312, 24.3910



75.6259, 69.5630, 76.4949



43.3035, 24.8468, 91.3202



15.6905, 14.1206, 15.5155



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.



45.8261, 27.6312, 24.3910



45.3046, 24.7800, 17.4945



46.3892, 32.8747, 11.8852



17.4554, 17.3095, 18.9876



21.6182, 11.0630, 4.6981



2.0465, 1.0423, 0.6683

Inverse Universe

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



45.8261, 27.6312, 24.3910



45.3046, 24.7800, 17.4945



44.6738, 57.0716, 97.4681



17.4554, 17.3095, 18.9876



21.6182, 11.0630, 4.6981



2.0465, 1.0423, 0.6683

Previews

White Background



This preview shows how the XYZ color 45.8254, 27.6297, 24.3905 looks on a white background.

Color Contrast Check

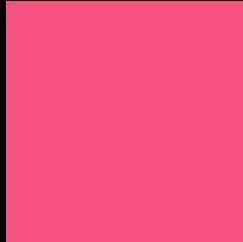
Large Text (above 18pt) WCAG AA ✓ Pass

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 45.8254, 27.6297, 24.3905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

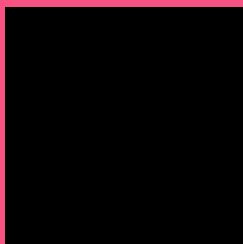
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 45.8254, 27.6297, 24.3905

Background



This preview shows how black text looks on a background with the XYZ color 45.8254, 27.6297, 24.3905.



This preview shows how white text looks on a background with the XYZ color 45.8254, 27.6297,

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

45.8254, 27.6297, 24.3905

Protanopia

27.4292, 27.9370, 39.5440

Deuteranopia

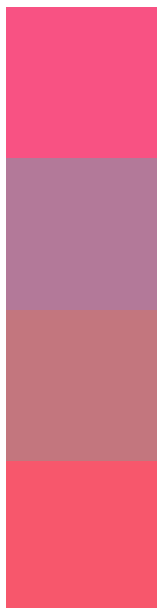
28.1807, 27.6064, 22.5822



Tritanopia

43.7278, 27.7314, 13.8745

Trichromacy



Original Color

45.8254, 27.6297, 24.3905

Protanomaly

31.1775, 25.5584, 33.4270

Deuteranomaly

32.7500, 26.0653, 23.0437

Tritanomaly

44.4727, 27.6733, 17.1849

Monochromacy



Original Color

45.8254, 27.6297, 24.3905

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

28.8659, 23.8190, 25.9978

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.8254, 27.6297, 24.3905 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(248, 82, 131)` looks like.

```
.text, #text, p{  
  color:rgb(248, 82, 131)  
}
```

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(248, 82, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 82, 131) }
```

Border

The CSS property to change the border of an element to XYZ 45.8254, 27.6297, 24.3905 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(248, 82, 131) }
```


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

```
.border{ border-color:rgb(248, 82, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 82, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 82, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 82, 131);  
box-shadow:4px 4px 4px 4px rgb(248, 82,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 45.8254, 27.6297, 24.3905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 82, 131) }
```

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

```
.background{ background-color: rgb(248, 82,  
131) }
```

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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