

Converting Colors

XYZ(45.8420, 25.6330, 44.9935)

Have a look what the booklet for
XYZ(45.8420, 25.6330, 44.9935)
contains.

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Color

**XYZ(45.7404, 25.6197,
45.1821)**

Conversions

Conversions Part 1

Format	Color
Hex	EF43B3
RGB	239, 67, 179
RGB Percent	94%, 26%, 70%
CMY	0.0627, 0.7372, 0.2980
CMYK	0.00, 0.72, 0.25, 0.06
HSL	321°, 84%, 60%
HSV	321°, 72%, 94%
XYZ	45.7404, 25.6197, 45.1821
YIQ	131.1960, 66.5600, 71.2960

Conversions

Conversions Part 2

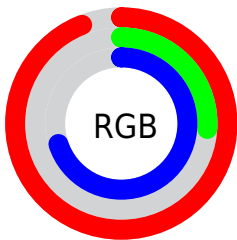
Format	Color
R_{YB}	239, 67, 179
Decimal	15680435
CIE _{Lab}	57.67, 74.26, -22.15
CIE _{LCh}	58, 77.495, 343.391
Yxy	25.6197, 0.3925, 0.2198
Android (android.graphics.Color)	4293870515 (0xFFEF43B3)
YUV	131.1960, 23.5674, 94.5441
Hunter-Lab	50.6159, 72.7284, -17.4939

Details

The XYZ color **45.7404, 25.6197, 45.1821** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **37.0135, 64.4594, 30.5734**, and the grayscale version is **21.5468, 22.6690, 24.6865**.

A 20% lighter version of the original color is **64.0857, 42.9587, 83.5114**, and **22.3563, 11.0901, 20.7010** is the 20% darker color. If you saturate the color by 10%, you get **43.7832, 23.0140, 40.4942**, and if you desaturate by 10%, it is **48.3360, 29.4200, 50.3347**.

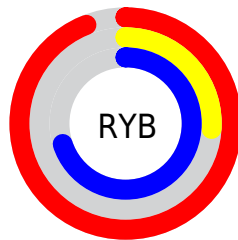
Distribution



Red (94%)

Green (26%)

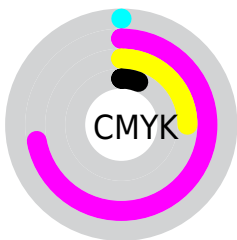
Blue (70%)



Red (94%)

Yellow (26%)

Blue (70%)

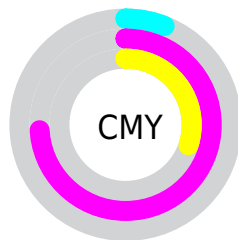


Cyan (0%)

Magenta (72%)

Yellow (25%)

Black (6%)



Cyan (6%)


Magenta (74%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.7404, 25.6197, 45.1821 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 45.7404, 25.6197, 45.1821 by changing the saturation by 10% instead.

 45.7404, 25.6197,
45.1821


 45.7404, 25.6197,
45.1821

360.4974,
280.9102, 383.6922

 32.2448, 16.5394,
31.2569


 83.0606, 52.6608,
84.3149


 21.7050, 9.9066,
20.5344


 107.6159, 71.3903,
110.3597


 13.7557, 5.3371,
12.5962


 136.5884, 94.1050,
141.2813

 8.0315, 2.4464,
7.0236

 170.3436,
121.1893, 177.4984

 4.1671, 0.8496,
3.3982

 209.2467,
153.0276, 219.4295

 1.7971, 0.0000,
1.3014

253.6631,

 0.5159, 0.0000,

190.0042, 267.4931

0.0629

303.9583,
232.5036, 322.1078

■ 0.0000, 0.0000,
0.0000

■ 45.7404, 25.6197,
45.1821

■ 45.7404, 25.6197,
45.1821

■ 43.7832, 23.0140,
40.4942

■ 48.3360, 29.4200,
50.3347

■ 42.3837, 21.4439,
36.2393


■ 51.6328, 34.5399,
55.9768


■ 41.5656, 20.7383,
33.0976

■ 55.6882, 41.0926,
62.1318


■ 60.5529, 49.1783,
68.8208

■ 66.2731, 58.8881,
76.0631

 72.8914, 70.3057,
83.8768

 80.4474, 83.5093,
92.2790

 87.9455, 96.5063,
100.9415

 89.2525, 97.0291,
107.8237

Harmonies

Analogous

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



38.7653, 25.6197, 83.8757



45.7404, 25.6197, 45.1821



46.1360, 25.6197, 17.6633

Triad

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



45.7404, 25.6197, 45.1821



20.4511, 25.6197, 1.8739



13.5576, 25.6197, 79.7224

Complementary

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



45.7404, 25.6197, 45.1821



37.0135, 64.4594, 30.5734

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.



10.7996, 25.6197, 41.4689



45.7404, 25.6197, 45.1821



14.0424, 25.6197, 4.8119

Square

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



45.7404, 25.6197, 45.1821



29.8102, 25.6197, 1.9992



10.9510, 25.6197, 15.6988



19.6022, 25.6197, 110.9978

Rectangle

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



45.7404, 25.6197, 45.1821



42.4739, 25.6197, 8.1755



10.9510, 25.6197, 15.6988



12.2930, 25.6197, 66.4838

Sweetspot

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



45.7412, 25.6210, 45.1826



76.6979, 68.0838, 88.0218



25.9493, 14.5581, 83.1039



16.0096, 13.8778, 18.3382



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.



45.7412, 25.6210, 45.1826



49.9476, 25.7380, 44.7162



39.7009, 23.2049, 13.3747



16.2064, 15.9323, 18.6433



23.0344, 11.4862, 18.6294



1.9631, 0.9743, 1.7963

Inverse Universe

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



45.7412, 25.6210, 45.1826



49.9476, 25.7380, 44.7162



44.8567, 67.5967, 71.8753



16.2064, 15.9323, 18.6433



23.0344, 11.4862, 18.6294



1.9631, 0.9743, 1.7963

Previews

White Background



This preview shows how the XYZ color 45.7404, 25.6197, 45.1821 looks on a white background.

Color Contrast Check

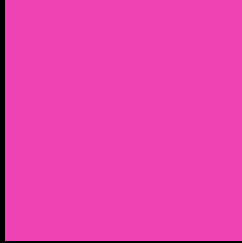
Large Text (above 18pt) WCAG AA ✓ Pass

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 45.7404, 25.6197, 45.1821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

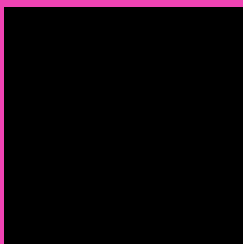
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 45.7404, 25.6197, 45.1821

Background



This preview shows how black text looks on a background with the XYZ color 45.7404, 25.6197, 45.1821.



This preview shows how white text looks on a background with the XYZ color 45.7404, 25.6197,

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

45.7404, 25.6197, 45.1821

Protanopia

28.4835, 26.0872, 79.1354

Deuteranopia

26.2821, 25.7913, 41.1291



Tritanopia

39.1775, 25.5010, 14.1666

Trichromacy



Original Color

45.7404, 25.6197, 45.1821



Protanomaly

30.3306, 22.7017, 65.0706



Deuteranomaly

30.6828, 23.3847, 42.4317



Tritanomaly

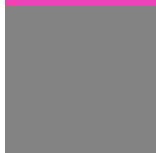
41.1090, 25.2291, 22.7817

Monochromacy



Original Color

45.7404, 25.6197, 45.1821



Achromatopsia

21.5731, 22.6966, 24.7166



Achromatomaly

27.2854, 21.4093, 30.7113

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.7404, 25.6197, 45.1821 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(239, 67, 179)` looks like.

```
.text, #text, p{  
    color:rgb(239, 67, 179)  
}
```

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(239, 67, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 67, 179) }
```

Border

The CSS property to change the border of an element to XYZ 45.7404, 25.6197, 45.1821 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(239, 67, 179) }
```


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

```
.border{ border-color:rgb(239, 67, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 67, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 67, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 67, 179);  
box-shadow:4px 4px 4px 4px rgb(239, 67,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 45.7404, 25.6197, 45.1821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 67, 179) }
```

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

```
.background{ background-color: rgb(239, 67,  
179) }
```

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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