

Converting Colors

XYZ(45.4986, 25.3376, 43.3283)

Have a look what the booklet for
XYZ(45.4986, 25.3376, 43.3283)
contains.

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Color

**XYZ(45.6619, 25.4404,
43.5781)**

Conversions

Conversions Part 1

Format	Color
Hex	F041B0
RGB	240, 65, 176
RGB Percent	94%, 25%, 69%
CMY	0.0588, 0.7451, 0.3098
CMYK	0.00, 0.73, 0.27, 0.06
HSL	322°, 85%, 60%
HSV	322°, 73%, 94%
XYZ	45.6619, 25.4404, 43.5781
YIQ	129.9790, 68.6690, 71.6210

Conversions

Conversions Part 2

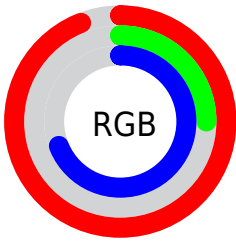
Format	Color
R _Y B	240, 65, 176
Decimal	15745456
CIE Lab	57.50, 74.78, -20.66
CIE LCh	58, 77.582, 344.555
Yxy	25.4404, 0.3982, 0.2218
Android (android.graphics.Color)	4293935536 (0xFFFF041B0)
YUV	129.9790, 22.6884, 96.4884
Hunter-Lab	50.4385, 73.3285, -15.9188

Details

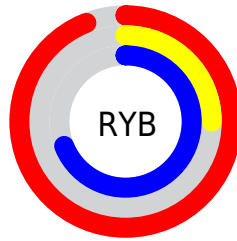
The XYZ color **45.6619, 25.4404, 43.5781** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light washed rose. A complement of this color would be **37.3040, 65.0298, 31.3584**, and the grayscale version is **21.1177, 22.2175, 24.1948**.

A 20% lighter version of the original color is **63.3949, 42.2649, 81.1606**, and **22.1656, 11.0138, 19.6965** is the 20% darker color. If you saturate the color by 10%, you get **43.7242, 22.9102, 38.7849**, and if you desaturate by 10%, it is **48.2421, 29.1653, 48.8630**.

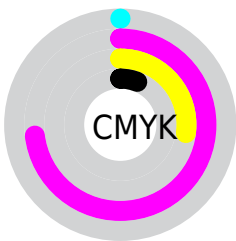
Distribution



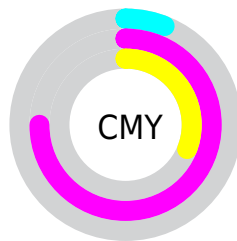
- Red (94%)
- Green (25%)
- Blue (69%)



- Red (94%)
- Yellow (25%)
- Blue (69%)



- Cyan (0%)
- Magenta (73%)
- Yellow (27%)
- Black (6%)





- Cyan (6%)
- Magenta (75%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.6619, 25.4404, 43.5781 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 45.6619, 25.4404, 43.5781 by changing the saturation by 10% instead.


 45.6619, 25.4404,
43.5781


 45.6619, 25.4404,
43.5781

360.1865,
280.0241, 376.9747


 32.1826, 16.4055,
30.0042


 82.9437, 52.3708,
81.8782


 21.6572, 9.8115,
19.5897


 107.4770, 71.0350,
107.4415

 13.7204, 5.2742,
11.9160


 136.4256, 93.6778,
137.8383

 8.0069, 2.4090,
6.5647

 170.1549,
120.6836, 173.4873

 4.1512, 0.8305,
3.1171

 209.0303,
152.4367, 214.8068

 1.7880, 0.0000,
1.1547

253.4171,

 0.5104, 0.0000,

189.3216, 262.2155

0.0000

303.6807,
231.7226, 316.1320

■ 0.0000, 0.0000,
0.0000

■ 45.6619, 25.4404,
43.5781

■ 45.6619, 25.4404,
43.5781

■ 43.7242, 22.9102,
38.7849

■ 48.2421, 29.1653,
48.8630

■ 42.3458, 21.4105,
34.4497


■ 51.5294, 34.2131,
54.6656


■ 41.6211, 20.7996,
31.6230


■ 55.5827, 40.6998,
61.0106


■ 60.4538, 48.7275,
67.9201

■ 66.1900, 58.3892,
75.4145

 72.8347, 69.7701,
83.5129

 80.4283, 82.9497,
92.2332

 88.3639, 96.7128,
101.3774

 89.7452, 97.2653,
108.6512

Harmonies

Analogous

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



38.9069, 25.4404, 82.0663



45.6619, 25.4404, 43.5781



45.7712, 25.4404, 16.7816

Triad

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



45.6619, 25.4404, 43.5781



19.9854, 25.4404, 1.8737



13.6025, 25.4404, 80.9180

Complementary

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



45.6619, 25.4404, 43.5781



37.3040, 65.0298, 31.3584

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.



10.7399, 25.4404, 42.5527



45.6619, 25.4404, 43.5781



13.7361, 25.4404, 4.9633

Square

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



45.6619, 25.4404, 43.5781



29.2264, 25.4404, 1.9079



10.7816, 25.4404, 16.2404



19.7513, 25.4404, 111.3642

Rectangle

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



45.6619, 25.4404, 43.5781



41.9592, 25.4404, 7.7048



10.7816, 25.4404, 16.2404



12.3026, 25.4404, 67.7347

Sweetspot

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



45.6627, 25.4417, 43.5786



76.5611, 68.0291, 87.3014



26.2613, 14.5283, 83.8584



15.9771, 13.8648, 18.1674



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.



45.6627, 25.4417, 43.5786



49.4145, 25.4067, 42.2732



39.7257, 23.0669, 12.3148



16.1947, 15.9276, 18.5816



22.8502, 11.4125, 17.6594



1.9486, 0.9685, 1.7200

Inverse Universe

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



45.6627, 25.4417, 43.5786



49.4145, 25.4067, 42.2732



45.4468, 68.2869, 74.2377



16.1947, 15.9276, 18.5816



22.8502, 11.4125, 17.6594



1.9486, 0.9685, 1.7200

Previews

White Background



This preview shows how the XYZ color 45.6619, 25.4404, 43.5781 looks on a white background.

Color Contrast Check

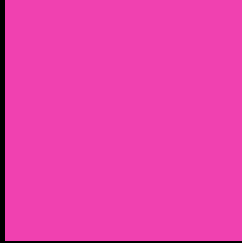
Large Text (above 18pt) WCAG AA ✓ Pass

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 45.6619, 25.4404, 43.5781 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 45.6619, 25.4404, 43.5781

Background



This preview shows how black text looks on a background with the XYZ color 45.6619, 25.4404, 43.5781.



This preview shows how white text looks on a background with the XYZ color 45.6619, 25.4404,

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

45.6619, 25.4404, 43.5781

Protanopia

28.3138, 26.0322, 77.6612

Deuteranopia

26.0281, 25.4844, 39.6235



Tritanopia

39.2422, 25.2946, 13.6405

Trichromacy



Original Color

45.6619, 25.4404, 43.5781



Protanomaly

30.1577, 22.4804, 63.7224



Deuteranomaly

30.5108, 23.1681, 40.8940



Tritanomaly

41.0988, 25.0254, 21.7330

Monochromacy



Original Color

45.6619, 25.4404, 43.5781



Achromatopsia

21.2178, 22.3228, 24.3095



Achromatomaly

26.9981, 20.9607, 30.2266

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.6619, 25.4404, 43.5781 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(240, 65, 176)` looks like.

```
.text, #text, p{  
    color:rgb(240, 65, 176)  
}
```

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(240, 65, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 65, 176) }
```

Border

The CSS property to change the border of an element to XYZ 45.6619, 25.4404, 43.5781 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(240, 65, 176) }
```


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

```
.border{ border-color:rgb(240, 65, 176) }
```

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

Here you see how a box with a 4 pixel rgb(240, 65, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 65, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 65, 176);  
box-shadow:4px 4px 4px 4px rgb(240, 65,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 45.6619, 25.4404, 43.5781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 65, 176) }
```

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

```
.background{ background-color: rgb(240, 65,  
176) }
```

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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