

Converting Colors

XYZ(45.5823, 25.5956, 42.5824)

Have a look what the booklet for
XYZ(45.5823, 25.5956, 42.5824)
contains.

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Color

**XYZ(45.5823, 25.5956,
42.5824)**

Conversions

Conversions Part 1

Format	Color
Hex	F043AE
RGB	240, 67, 174
RGB Percent	94%, 26%, 68%
CMY	0.0588, 0.7372, 0.3176
CMYK	0.00, 0.72, 0.27, 0.06
HSL	323°, 85%, 60%
HSV	323°, 72%, 94%
XYZ	45.5823, 25.5956, 42.5824
YIQ	130.9250, 68.7610, 69.9530

Conversions

Conversions Part 2

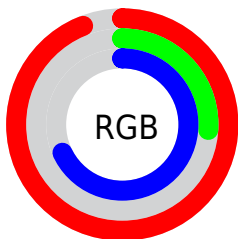
Format	Color
R _Y B	240, 67, 174
Decimal	15745966
CIE _{Lab}	57.65, 73.91, -19.27
CIE _{LCh}	58, 76.381, 345.385
Yxy	25.5956, 0.4007, 0.2250
Android (android.graphics.Color)	4293936046 (0xFFFF043AE)
YUV	130.9250, 21.2360, 95.6588
Hunter-Lab	50.5921, 72.2882, -14.4888

Details

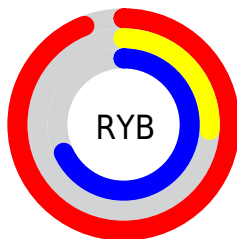
The XYZ color **45.5823, 25.5956, 42.5824** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light washed rose. A complement of this color would be **37.7100, 65.2077, 32.7931**, and the grayscale version is **21.4579, 22.5753, 24.5845**.

A 20% lighter version of the original color is **63.3732, 42.6737, 79.7596**, and **22.0416, 10.9642, 19.0437** is the 20% darker color. If you saturate the color by 10%, you get **43.5768, 22.9648, 37.6587**, and if you desaturate by 10%, it is **48.2409, 29.4348, 48.0244**.

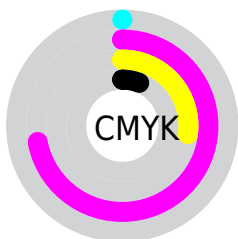
Distribution



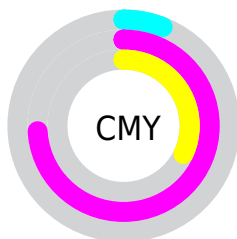
- Red (94%)
- Green (26%)
- Blue (68%)



- Red (94%)
- Yellow (26%)
- Blue (68%)



- Cyan (0%)
- Magenta (72%)
- Yellow (27%)
- Black (6%)





- Cyan (6%)
- Magenta (74%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.5823, 25.5956, 42.5824 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 45.5823, 25.5956, 42.5824 by changing the saturation by 10% instead.

 45.5823, 25.5956,
42.5824


 45.5823, 25.5956,
42.5824

359.8709,
280.7912, 372.7622

 32.1196, 16.5214,
29.2286


 82.8252, 52.6218,
80.3599

 21.6088, 9.8938,
19.0068


 107.3361, 71.3426,
105.6207


 13.6847, 5.3286,
11.4983


 136.2604, 94.0477,
135.6876

 7.9820, 2.4413,
6.2847

 169.9636,
121.1214, 170.9791

 4.1351, 0.8470,
2.9474

 208.8108,
152.9482, 211.9138

 1.7789, 0.0000,
1.0678

253.1675,

 0.5049, 0.0000,

189.9126, 258.9101

0.0000

303.3991,
232.3988, 312.3868

■ 0.0000, 0.0000,
0.0000

■ 45.5823, 25.5956,
42.5824

■ 45.5823, 25.5956,
42.5824

■ 43.5768, 22.9648,
37.6587

■ 48.2409, 29.4348,
48.0244

■ 42.1426, 21.3811,
33.2196


■ 51.6165, 34.6090,
54.0113


■ 41.3150, 20.6772,
30.0110


■ 55.7675, 41.2330,
60.5684


■ 60.7456, 49.4081,
67.7182

■ 66.5976, 59.2266,
75.4817

 73.3668, 70.7732,
83.8787

 81.0937, 84.1272,
92.9276

 88.5229, 96.7764,
102.2149

 89.7452, 97.2653,
108.6517

Harmonies

Analogous

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



39.0906, 25.5956, 80.2131



45.5823, 25.5956, 42.5824



45.4897, 25.5956, 16.5433

Triad

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



45.5823, 25.5956, 42.5824



19.9603, 25.5956, 2.0656



13.9615, 25.5956, 81.1827

Complementary

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



45.5823, 25.5956, 42.5824



37.7100, 65.2077, 32.7931

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.



11.0211, 25.5956, 43.4532



45.5823, 25.5956, 42.5824



13.8467, 25.5956, 5.3687

Square

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



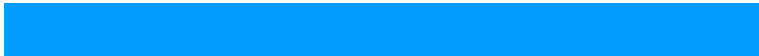
45.5823, 25.5956, 42.5824



29.0332, 25.5956, 2.0349



10.9852, 25.5956, 17.0081



20.1605, 25.5956, 110.3503

Rectangle

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



45.5823, 25.5956, 42.5824



41.6359, 25.5956, 7.7137



10.9852, 25.5956, 17.0081



12.6362, 25.5956, 68.3108

Sweetspot

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



45.5831, 25.5969, 42.5829



76.4338, 67.9782, 86.6309



27.0097, 15.0877, 83.9269



15.9470, 13.8527, 18.0085



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.



45.5831, 25.5969, 42.5829



49.2442, 25.4566, 41.0121



39.7918, 23.2804, 12.0862



16.1838, 15.9232, 18.5240



22.6833, 11.3457, 16.7806



1.9354, 0.9632, 1.6505

Inverse Universe

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



45.5831, 25.5969, 42.5829



49.2442, 25.4566, 41.0121



45.9916, 68.5203, 76.4030



16.1838, 15.9232, 18.5240



22.6833, 11.3457, 16.7806



1.9354, 0.9632, 1.6505

Previews

White Background



This preview shows how the XYZ color 45.5823, 25.5956, 42.5824 looks on a white background.

Color Contrast Check

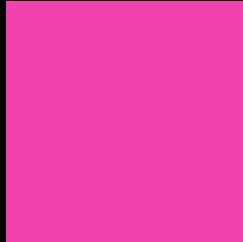
Large Text (above 18pt) WCAG AA ✓ Pass

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 45.5823, 25.5956, 42.5824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

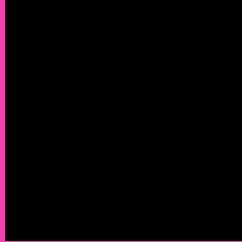
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 45.5823, 25.5956, 42.5824

Background



This preview shows how black text looks on a background with the XYZ color 45.5823, 25.5956, 42.5824.



This preview shows how white text looks on a background with the XYZ color 45.5823, 25.5956,

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

45.5823, 25.5956, 42.5824

Protanopia

28.1037, 25.9876, 74.7691

Deuteranopia

26.4109, 25.9004, 39.2046



Tritanopia

39.6534, 25.6310, 13.6838

Trichromacy



Original Color

45.5823, 25.5956, 42.5824



Protanomaly

29.9619, 22.5974, 61.1751



Deuteranomaly

30.6568, 23.4261, 39.9517



Tritanomaly

41.2475, 25.3227, 21.7826

Monochromacy



Original Color

45.5823, 25.5956, 42.5824



Achromatopsia

21.5731, 22.6966, 24.7166



Achromatomaly

27.4236, 21.4896, 30.3063

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.5823, 25.5956, 42.5824 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, 67, 174)` looks like.

```
.text, #text, p{  
    color:rgb(240, 67, 174)  
}
```

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, 67, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 67, 174) }
```

Border

The CSS property to change the border of an element to XYZ 45.5823, 25.5956, 42.5824 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, 67, 174) }
```


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

```
.border{ border-color:rgb(240, 67, 174) }
```

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

Here you see how a box with a 4 pixel rgb(240, 67, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 67, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 67, 174);  
box-shadow:4px 4px 4px 4px rgb(240, 67,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 45.5823, 25.5956, 42.5824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 67, 174) }
```

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

```
.background{ background-color: rgb(240, 67,  
174) }
```

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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