

Converting Colors

XYZ(45.7487, 25.7678, 35.1035)

Have a look what the booklet for
XYZ(45.7487, 25.7678, 35.1035)
contains.

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Color

**XYZ(45.7760, 25.7775,
34.9107)**

Conversions

Conversions Part 1

Format	Color
Hex	F5429E
RGB	245, 66, 158
RGB Percent	96%, 26%, 62%
CMY	0.0392, 0.7411, 0.3804
CMYK	0.00, 0.73, 0.36, 0.04
HSL	329°, 90%, 61%
HSV	329°, 73%, 96%
XYZ	45.7760, 25.7775, 34.9107
YIQ	130.0090, 77.1520, 66.5600

Conversions

Conversions Part 2

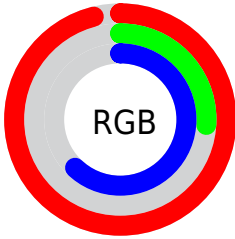
Format	Color
R _Y B	245, 66, 158
Decimal	16073374
CIE Lab	57.83, 73.71, -9.60
CIE LCh	58, 74.336, 352.578
Yxy	25.7775, 0.4300, 0.2421
Android (android.graphics.Color)	4294263454 (0xFFFF5429E)
YUV	130.0090, 13.7996, 100.8471
Hunter-Lab	50.7715, 72.0867, -5.2279

Details

The XYZ color **45.7760, 25.7775, 34.9107** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **40.6507, 68.7639, 41.2719**, and the grayscale version is **21.1566, 22.2584, 24.2394**.

A 20% lighter version of the original color is **60.9694, 41.5024, 67.7481**, and **22.4210, 11.2519, 14.9000** is the 20% darker color. If you saturate the color by 10%, you get **43.6625, 23.1122, 29.3915**, and if you desaturate by 10%, it is **48.6028, 29.7102, 41.1581**.

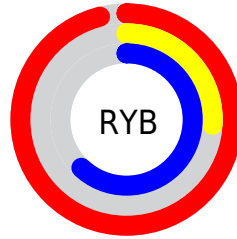
Distribution



Red (96%)

Green (26%)

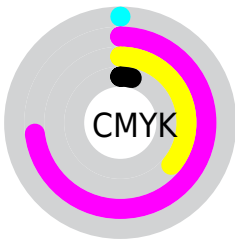
Blue (62%)



Red (96%)

Yellow (26%)

Blue (62%)

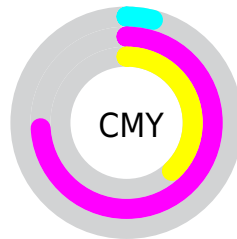


Cyan (0%)

Magenta (73%)

Yellow (36%)

Black (4%)



Cyan (4%)


Magenta (74%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.7760, 25.7775, 34.9107 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 45.7760, 25.7775, 34.9107 by changing the saturation by 10% instead.

 45.7760, 25.7775,
34.9107


 45.7760, 25.7775,
34.9107

360.6384,
281.6881, 339.0663

 32.2730, 16.6573,
23.3111


 83.1136, 52.9158,
68.4974


 21.7266, 9.9904,
14.6159


 107.6788, 71.7026,
91.3216

 13.7717, 5.3926,
8.4067

 136.6622, 94.4804,
118.7244

 8.0427, 2.4794,
4.2648

 170.4291,
121.6336, 151.1243

 4.1743, 0.8663,
1.7717

 209.3448,
153.5466, 188.9399

 1.8012, 0.0000,
0.4092

253.7747,

 0.5184, 0.0000,

190.6037, 232.5897

0.0000

304.0841,
233.1895, 282.4924

■ 0.0000, 0.0000,
0.0000

■ 45.7760, 25.7775,
34.9107

■ 45.7760, 25.7775,
34.9107

■ 43.6625, 23.1122,
29.3915

■ 48.6028, 29.7102,
41.1581

■ 42.1728, 21.5401,
24.5563


■ 52.2129, 35.0464,
48.1699


■ 41.4167, 20.9167,
21.5644


■ 56.6700, 41.9089,
55.9802

■ 62.0300, 50.4060,
64.6201

■ 68.3441, 60.6359,
74.1184

 75.6594, 72.6891,
84.5026

 84.0198, 86.6499,
95.7982

 91.1887, 98.0415,
107.2708

 91.4663, 98.1525,
108.7323

Harmonies

Analogous

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



40.8235, 25.7775, 69.8094



45.7760, 25.7775, 34.9107



44.0208, 25.7775, 13.1041

Triad

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



45.7760, 25.7775, 34.9107



18.4819, 25.7775, 2.7453



15.4777, 25.7775, 88.0350

Complementary

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



45.7760, 25.7775, 34.9107



40.6507, 68.7639, 41.2719

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.



11.8202, 25.7775, 51.4975



45.7760, 25.7775, 34.9107



13.2377, 25.7775, 7.5353

Square

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



45.7760, 25.7775, 34.9107



26.7863, 25.7775, 2.0926



11.1138, 25.7775, 22.1823



22.3490, 25.7775, 110.5208

Rectangle

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



45.7760, 25.7775, 34.9107



39.4439, 25.7775, 6.2111



11.1138, 25.7775, 22.1823



13.9074, 25.7775, 76.2171

Sweetspot

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



45.7767, 25.7789, 34.9111



75.6068, 67.6474, 82.2762



31.4773, 17.2163, 88.0504



15.7516, 13.7746, 16.9795



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.



45.7767, 25.7789, 34.9111



46.9023, 24.2923, 29.3816



40.6791, 23.7399, 8.0675



16.8547, 16.6247, 18.9813



22.3823, 11.2964, 11.9875



2.0191, 1.0136, 1.3271

Inverse Universe

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



45.7767, 25.7789, 34.9111



46.9023, 24.2923, 29.3816



50.9296, 72.8754, 95.3999



16.8547, 16.6247, 18.9813



22.3823, 11.2964, 11.9875



2.0191, 1.0136, 1.3271

Previews

White Background



This preview shows how the XYZ color 45.7760, 25.7775, 34.9107 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 45.7760, 25.7775, 34.9107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

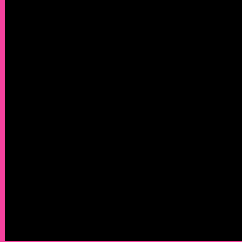
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 45.7760, 25.7775, 34.9107

Background



This preview shows how black text looks on a background with the XYZ color 45.7760, 25.7775, 34.9107.



This preview shows how white text looks on a background with the XYZ color 45.7760, 25.7775,

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

45.7760, 25.7775, 34.9107

Protanopia

27.2887, 26.0606, 61.9844

Deuteranopia

26.3015, 25.7938, 32.0262



Tritanopia

41.0291, 25.7604, 12.4826

Trichromacy



Original Color

45.7760, 25.7775, 34.9107



Protanomaly

29.9740, 22.8295, 50.9709



Deuteranomaly

30.7719, 23.4861, 32.6172



Tritanomaly

42.4369, 25.5638, 18.9173

Monochromacy



Original Color

45.7760, 25.7775, 34.9107



Achromatopsia

21.2178, 22.3228, 24.3095



Achromatomaly

27.0046, 21.1795, 27.4757

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.7760, 25.7775, 34.9107 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(245, 66, 158)` looks like.

```
.text, #text, p{  
    color:rgb(245, 66, 158)  
}
```

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(245, 66, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 66, 158) }
```

Border

The CSS property to change the border of an element to XYZ 45.7760, 25.7775, 34.9107 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(245, 66, 158) }
```


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

```
.border{ border-color:rgb(245, 66, 158) }
```

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

Here you see how a box with a 4 pixel rgb(245, 66, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 66, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 66, 158);  
box-shadow:4px 4px 4px 4px rgb(245, 66,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 45.7760, 25.7775, 34.9107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 66, 158) }
```

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

```
.background{ background-color: rgb(245, 66,  
158) }
```

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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