

Converting Colors

XYZ(45.3061, 24.9394, 51.5936)

Have a look what the booklet for
XYZ(45.3061, 24.9394, 51.5936)
contains.

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Color

**XYZ(45.4424, 24.9788,
51.7165)**

Conversions

Conversions Part 1

Format	Color
Hex	EB3FBF
RGB	235, 63, 191
RGB Percent	92%, 25%, 75%
CMY	0.0784, 0.7529, 0.2510
CMYK	0.00, 0.73, 0.19, 0.08
HSL	315°, 81%, 58%
HSV	315°, 73%, 92%
XYZ	45.4424, 24.9788, 51.7165
YIQ	129.0200, 61.4240, 76.2720

Conversions

Conversions Part 2

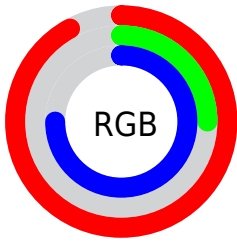
Format	Color
R _Y B	235, 63, 191
Decimal	15417279
CIE Lab	57.05, 76.08, -30.09
CIE LCh	57, 81.814, 338.421
Yxy	24.9788, 0.3721, 0.2045
Android (android.graphics.Color)	4293607359 (0xFFEB3FBF)
YUV	129.0200, 30.5561, 92.9445
Hunter-Lab	49.9788, 74.8353, -26.3663

Details

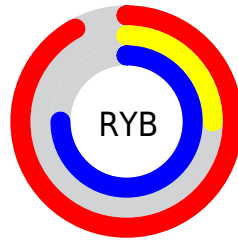
The XYZ color **45.4424, 24.9788, 51.7165** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **34.4135, 61.5358, 23.9767**, and the grayscale version is **20.7564, 21.8373, 23.7809**.

A 20% lighter version of the original color is **65.6441, 42.9590, 93.6390**, and **22.1946, 10.9201, 24.6049** is the 20% darker color. If you saturate the color by 10%, you get **43.7592, 22.6494, 47.9579**, and if you desaturate by 10%, it is **47.7093, 28.4315, 55.8041**.

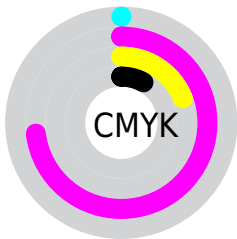
Distribution



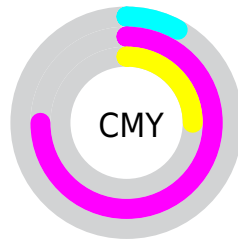
- Red (92%)
- Green (25%)
- Blue (75%)



- Red (92%)
- Yellow (25%)
- Blue (75%)



- Cyan (0%)
- Magenta (73%)
- Yellow (19%)
- Black (8%)





- Cyan (8%)
- Magenta (75%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.4424, 24.9788, 51.7165 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 45.4424, 24.9788, 51.7165 by changing the saturation by 10% instead.

 45.4424, 24.9788,
51.7165

 45.4424, 24.9788,
51.7165


359.3160,
277.7324, 410.2669

 32.0088, 16.0613,
36.3985


 82.6169, 51.6228,
94.1353


 21.5238, 9.5675,
24.4500


 107.0884, 70.1181,
122.0732

 13.6221, 5.1132,
15.4525


 135.9700, 92.5748,
155.0548

 7.9382, 2.3138,
8.9874

 169.6270,
119.3772, 193.4986

 4.1069, 0.7810,
4.6363

 208.4248,
150.9097, 237.8231

 1.7628, 0.0000,
1.9805

252.7286,

 0.4951, 0.0000,

187.5569, 288.4470

0.5432

302.9039,
229.7029, 345.7888

■ 0.0000, 0.0000,
0.0000

■ 45.4424, 24.9788,
51.7165

■ 45.4424, 24.9788,
51.7165

■ 43.7592, 22.6494,
47.9579

■ 47.7093, 28.4315,
55.8041

■ 42.5809, 21.2869,
44.4998


■ 50.6206, 33.1294,
60.2418


■ 41.9872, 20.7527,
42.2886


■ 54.2319, 39.1828,
65.0500


■ 58.5919, 46.6887,
70.2463

■ 63.7449, 55.7352,
75.8471

 69.7317, 66.4033,
81.8674

 76.5903, 78.7685,
88.3212

 84.3560, 92.9013,
95.2218

 86.5191, 95.7815,
100.4007

Harmonies

Analogous

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



37.1982, 24.9788, 93.4342



45.4424, 24.9788, 51.7165



47.1554, 24.9788, 20.1512

Triad

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



45.4424, 24.9788, 51.7165



21.1334, 24.9788, 1.2423



11.9943, 24.9788, 75.2152

Complementary

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



45.4424, 24.9788, 51.7165



34.4135, 61.5358, 23.9767

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.



9.7376, 24.9788, 35.7207



45.4424, 24.9788, 51.7165



13.9985, 24.9788, 3.2215

Square

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



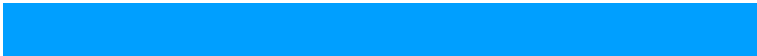
45.4424, 24.9788, 51.7165



31.2186, 24.9788, 1.6888



10.3561, 24.9788, 11.9915



17.5653, 24.9788, 112.2423

Rectangle

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



45.4424, 24.9788, 51.7165



44.0187, 24.9788, 8.9679



10.3561, 24.9788, 11.9915



10.9022, 24.9788, 61.0235

Sweetspot

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



45.4432, 24.9801, 51.7170



77.4651, 68.3907, 92.0615



22.7184, 12.6191, 79.8360



16.1919, 13.9507, 19.2982



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.



45.4432, 24.9801, 51.7170



51.8656, 26.2776, 55.5180



38.6412, 22.2592, 15.8978



15.5406, 15.2441, 18.1323



23.4221, 11.5715, 23.8219



1.8777, 0.9241, 2.0736

Inverse Universe

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



45.4432, 24.9801, 51.7170



51.8656, 26.2776, 55.5180



41.2738, 64.2800, 60.1029



15.5406, 15.2441, 18.1323



23.4221, 11.5715, 23.8219



1.8777, 0.9241, 2.0736

Previews

White Background



This preview shows how the XYZ color 45.4424, 24.9788, 51.7165 looks on a white background.

Color Contrast Check

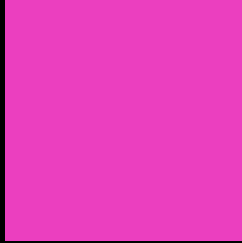
Large Text (above 18pt) WCAG AA ✓ Pass

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 45.4424, 24.9788, 51.7165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

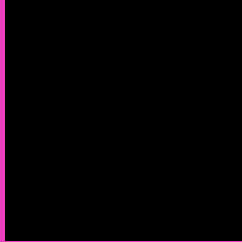
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 45.4424, 24.9788, 51.7165

Background



This preview shows how black text looks on a background with the XYZ color 45.4424, 24.9788, 51.7165.



This preview shows how white text looks on a background with the XYZ color 45.4424, 24.9788,

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

45.4424, 24.9788, 51.7165

Protanopia

28.8617, 25.5768, 92.2226

Deuteranopia

25.7569, 25.1762, 47.2180



Tritanopia

37.7103, 24.8670, 14.3675

Trichromacy



Original Color

45.4424, 24.9788, 51.7165



Protanomaly

29.5442, 21.5895, 75.2831



Deuteranomaly

29.9515, 22.5471, 48.6723



Tritanomaly

39.7404, 24.3738, 24.4399

Monochromacy



Original Color

45.4424, 24.9788, 51.7165



Achromatopsia

20.8660, 21.9526, 23.9064



Achromatomaly

26.8675, 20.6950, 32.2842

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.4424, 24.9788, 51.7165 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(235, 63, 191)` looks like.

```
.text, #text, p{  
    color:rgb(235, 63, 191)  
}
```

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(235, 63, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 63, 191) }
```

Border

The CSS property to change the border of an element to XYZ 45.4424, 24.9788, 51.7165 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(235, 63, 191) }
```


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

```
.border{ border-color:rgb(235, 63, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 63, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 63, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 63, 191);  
box-shadow:4px 4px 4px 4px rgb(235, 63,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 45.4424, 24.9788, 51.7165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 63, 191) }
```

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

```
.background{ background-color: rgb(235, 63,  
191) }
```

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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