

Converting Colors

XYZ(45.1454, 25.6369, 22.6477)

Have a look what the booklet for
XYZ(45.1454, 25.6369, 22.6477)
contains.

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Color

**XYZ(45.1454, 25.6369,
22.6477)**

Conversions

Conversions Part 1

Format	Color
Hex	FA417F
RGB	250, 65, 127
RGB Percent	98%, 25%, 50%
CMY	0.0196, 0.7450, 0.5020
CMYK	0.00, 0.74, 0.49, 0.02
HSL	340°, 95%, 62%
HSV	340°, 74%, 98%
XYZ	45.1454, 25.6369, 22.6477
YIQ	127.3830, 90.3580, 58.5020

Conversions

Conversions Part 2

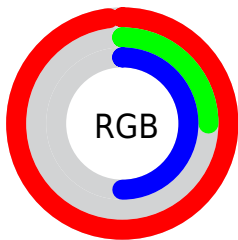
Format	Color
RYB	250, 65, 127
Decimal	16400767
CIELab	57.69, 72.48, 8.55
CIELCh	58, 72.987, 6.730
Yxy	25.6369, 0.4832, 0.2744
Android (android.graphics.Color)	4294590847 (0xFFFA417F)
YUV	127.3830, -0.1888, 107.5351
Hunter-Lab	50.6329, 70.5470, 8.9231

Details

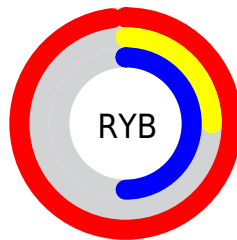
The XYZ color **45.1454, 25.6369, 22.6477** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle washed rose. A complement of this color would be **45.4448, 73.1266, 59.3036**, and the grayscale version is **20.2852, 21.3417, 23.2411**.

A 20% lighter version of the original color is **56.9661, 39.6934, 47.3070**, and **21.8687, 11.1149, 8.2005** is the 20% darker color. If you saturate the color by 10%, you get **43.0185, 22.9764, 17.0275**, and if you desaturate by 10%, it is **48.0868, 29.6406, 29.4216**.

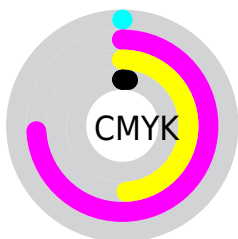
Distribution



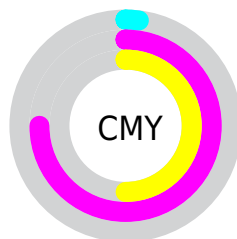
- Red (98%)
- Green (25%)
- Blue (50%)



- Red (98%)
- Yellow (25%)
- Blue (50%)



- Cyan (0%)
- Magenta (74%)
- Yellow (49%)
- Black (2%)





- Cyan (2%)
- Magenta (75%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.1454, 25.6369, 22.6477 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 45.1454, 25.6369, 22.6477 by changing the saturation by 10% instead.

 45.1454, 25.6369,
22.6477


 45.1454, 25.6369,
22.6477


358.1359,
280.9951, 278.9733


 31.7737, 16.5522,
14.1307


 82.1743, 52.6886,
48.7300


 21.3434, 9.9157,
8.0719


 106.5622, 71.4244,
67.1325


 13.4892, 5.3431,
4.0525


 135.3529, 94.1460,
89.6672

 7.8456, 2.4500,
1.6542

 168.9118,
121.2378, 116.7527

 4.0473, 0.8514,
0.3291

 207.6042,
153.0842, 148.8075

 1.7289, 0.0000,
0.0000

251.7954,

 0.4743, 0.0000,

190.0696, 186.2502

0.0000

301.8509,
232.5785, 229.4993

■ 0.0000, 0.0000,
0.0000

■ 45.1454, 25.6369,
22.6477

■ 45.1454, 25.6369,
22.6477

■ 43.0185, 22.9764,
17.0275

■ 48.0868, 29.6406,
29.4216

■ 41.6046, 21.4697,
12.4834


■ 51.9232, 35.1351,
37.4157


■ 41.0155, 20.9605,
10.2249


■ 56.7269, 42.2530,
46.6922

■ 62.5623, 51.1112,
57.3080

■ 69.4876, 61.8153,
69.3165

 77.5568, 74.4630,
82.7678

 86.8201, 89.1446,
97.7096

 93.2342, 99.0639,
108.8150

Harmonies

Analogous

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



43.2849, 25.6369, 51.5595



45.1454, 25.6369, 22.6477



40.4614, 25.6369, 7.8963

Triad

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



45.1454, 25.6369, 22.6477



15.6387, 25.6369, 4.3854



18.3151, 25.6369, 99.5330

Complementary

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



45.1454, 25.6369, 22.6477



45.4448, 73.1266, 59.3036

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.



13.2316, 25.6369, 67.7002



45.1454, 25.6369, 22.6477



11.9641, 25.6369, 12.8957

Square

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



45.1454, 25.6369, 22.6477



22.4512, 25.6369, 2.2116



11.2025, 25.6369, 33.9398



26.3890, 25.6369, 108.1294

Rectangle

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



45.1454, 25.6369, 22.6477



34.7925, 25.6369, 3.9181



11.2025, 25.6369, 33.9398



16.2649, 25.6369, 90.5480

Sweetspot

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



45.1461, 25.6384, 22.6481



74.2559, 67.1070, 75.1623



39.2153, 21.0302, 92.4345



15.4344, 13.6477, 15.3092



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.



45.1461, 25.6384, 22.6481



44.1602, 23.0944, 15.2532



44.2721, 28.4926, 8.1693



17.4845, 17.3212, 19.1412



21.8156, 11.1420, 5.7375



2.0676, 1.0508, 0.7796

Inverse Universe

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



45.1461, 25.6384, 22.6481



44.1602, 23.0944, 15.2532



45.6243, 60.4027, 99.6964



17.4845, 17.3212, 19.1412



21.8156, 11.1420, 5.7375



2.0676, 1.0508, 0.7796

Previews

White Background



This preview shows how the XYZ color 45.1454, 25.6369, 22.6477 looks on a white background.

Color Contrast Check

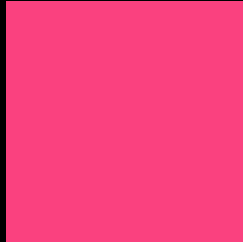
Large Text (above 18pt) WCAG AA ✓ Pass

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 45.1454, 25.6369, 22.6477 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 45.1454, 25.6369, 22.6477

Background



This preview shows how black text looks on a background with the XYZ color 45.1454, 25.6369, 22.6477.



This preview shows how white text looks on a background with the XYZ color 45.1454, 25.6369,

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

45.1454, 25.6369, 22.6477

Protanopia

25.7364, 25.9535, 40.2123

Deuteranopia

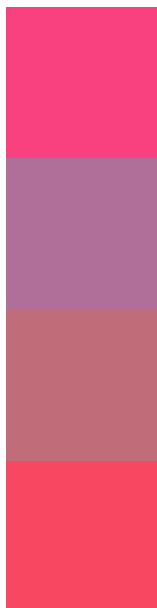
26.2923, 25.8318, 20.7398



Tritanopia

42.3902, 25.5222, 10.2815

Trichromacy



Original Color

45.1454, 25.6369, 22.6477

Protanomaly

29.2564, 22.8660, 32.5774

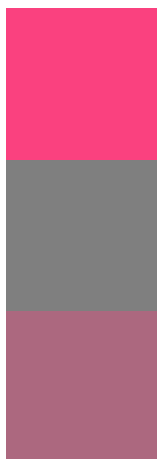
Deuteranomaly

30.9121, 23.6552, 21.0258

Tritanomaly

43.1864, 25.4543, 13.9462

Monochromacy



Original Color

45.1454, 25.6369, 22.6477

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

25.7943, 20.2036, 22.6188

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.1454, 25.6369, 22.6477 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(250, 65, 127)` looks like.

```
.text, #text, p{  
    color:rgb(250, 65, 127)  
}
```

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(250, 65, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 65, 127) }
```

Border

The CSS property to change the border of an element to XYZ 45.1454, 25.6369, 22.6477 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(250, 65, 127) }
```


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

```
.border{ border-color:rgb(250, 65, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 65, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 65, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 65, 127);  
box-shadow:4px 4px 4px 4px rgb(250, 65,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 45.1454, 25.6369, 22.6477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 65, 127) }
```

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

```
.background{ background-color: rgb(250, 65,  
127) }
```

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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