

Converting Colors

XYZ(45.8227, 24.8491, 25.1795)

Have a look what the booklet for
XYZ(45.8227, 24.8491, 25.1795)
contains.

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Color

**XYZ(45.7019, 24.8124,
25.3022)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | FC3387 |
| RGB | 252, 51, 135 |
| RGB Percent | 99%, 20%, 53% |
| CMY | 0.0118, 0.7999, 0.4706 |
| CMYK | 0.00, 0.80, 0.46, 0.01 |
| HSL | 335°, 97%, 59% |
| HSV | 335°, 80%, 99% |
| XYZ | 45.7019, 24.8124, 25.3022 |
| YIQ | 120.6750, 92.8320, 68.7360 |

Conversions

Conversions Part 2

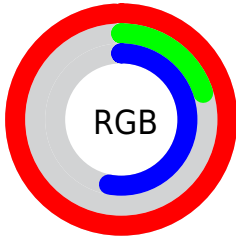
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 252, 51, 135 |
| Decimal | 16528263 |
| CIE _{Lab} | 56.89, 77.52, 2.72 |
| CIE _{LCh} | 57, 77.571, 2.007 |
| Yxy | 24.8124, 0.4770, 0.2590 |
| Android (android.graphics.Color) | 4294718343 (0xFFFC3387) |
| YUV | 120.6750, 7.0622, 115.1720 |
| Hunter-Lab | 49.8120, 76.6003, 4.7519 |

Details

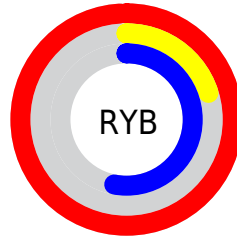
The XYZ color **45.7019, 24.8124, 25.3022** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **43.2458, 73.1526, 48.8944**, and the grayscale version is **18.0287, 18.9676, 20.6557**.

A 20% lighter version of the original color is **56.7955, 37.8477, 51.8888**, and **22.6660, 11.4907, 9.8274** is the 20% darker color. If you saturate the color by 10%, you get **43.9204, 22.7902, 19.9588**, and if you desaturate by 10%, it is **48.2227, 28.0856, 31.5946**.

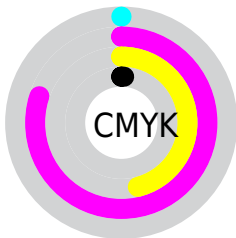
Distribution



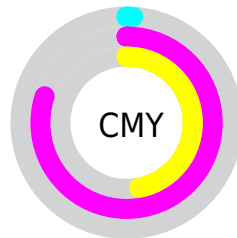
- Red (99%)
- Green (20%)
- Blue (53%)



- Red (99%)
- Yellow (20%)
- Blue (53%)



- Cyan (0%)
- Magenta (80%)
- Yellow (46%)
- Black (1%)





- Cyan (1%)
- Magenta (80%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.7019, 24.8124, 25.3022 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 45.7019, 24.8124, 25.3022 by changing the saturation by 10% instead.


 45.7019, 24.8124,
25.3022


 45.7019, 24.8124,
25.3022

360.3449,
276.9024, 292.8353

 32.2143, 15.9373,
16.0813


 83.0033, 51.3527,
53.1172


 21.6816, 9.4798,
9.4267


 107.5478, 69.7868,
72.5484


 13.7384, 5.0555,
4.9199


 136.5086, 92.1759,
96.2202

 8.0194, 2.2798,
2.1424

 170.2511,
118.9046, 124.5509

 4.1593, 0.7630,
0.6409

 209.1406,
150.3572, 157.9593

 1.7926, 0.0000,
0.0000

253.5425,

 0.5132, 0.0000,

186.9181, 196.8638

0.0000

303.8222,
228.9717, 241.6829

■ 0.0000, 0.0000,
0.0000

■ 45.7019, 24.8124,
25.3022

■ 45.7019, 24.8124,
25.3022

■ 43.9204, 22.7902,
19.9588

■ 48.2227, 28.0856,
31.5946

■ 42.7354, 21.7424,
15.4877


■ 51.5707, 32.7766,
38.8916


■ 42.7101, 21.7215,
15.3876


■ 55.8225, 39.0305,
47.2445

■ 61.0450, 46.9732,
56.6999

■ 67.2985, 56.7177,
67.3008

 74.6382, 68.3671,
79.0880

 83.1150, 82.0167,
92.0999

 92.7769, 97.7554,
106.3728

 93.9548, 99.4354,
108.8487

Harmonies

Analogous

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



42.6143, 24.8124, 57.9562



45.7019, 24.8124, 25.3022



41.7132, 24.8124, 8.2299

Triad

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



45.7019, 24.8124, 25.3022



15.4839, 24.8124, 2.9248



16.2981, 24.8124, 99.6382

Complementary

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



45.7019, 24.8124, 25.3022



43.2458, 73.1526, 48.8944

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.



11.6559, 24.8124, 63.1513



45.7019, 24.8124, 25.3022



11.2776, 24.8124, 9.6815

Square

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



45.7019, 24.8124, 25.3022



22.9770, 24.8124, 1.5196



10.0796, 24.8124, 28.8065



24.2005, 24.8124, 114.1923

Rectangle

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



45.7019, 24.8124, 25.3022



36.0528, 24.8124, 3.6596



10.0796, 24.8124, 28.8065



14.3823, 24.8124, 88.7278

Sweetspot

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



45.7026, 24.8138, 25.3026



73.3227, 64.8888, 75.9360



34.2530, 17.3868, 93.6459



15.1279, 12.9918, 15.3393



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.



45.7026, 24.8138, 25.3026



44.3029, 22.6623, 17.5128



42.5996, 24.6484, 5.6463



17.5455, 17.3455, 19.4621



22.3178, 11.3428, 8.3818



2.1185, 1.0711, 1.0476

Inverse Universe

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



45.7026, 24.8138, 25.3026



44.3029, 22.6623, 17.5128



49.6865, 69.2321, 102.8396



17.5455, 17.3455, 19.4621



22.3178, 11.3428, 8.3818



2.1185, 1.0711, 1.0476

Previews

White Background



This preview shows how the XYZ color 45.7019, 24.8124, 25.3022 looks on a white background.

Color Contrast Check

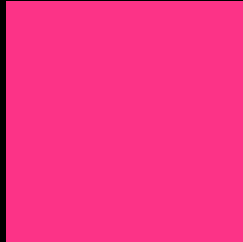
Large Text (above 18pt) WCAG AA ✓ Pass

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 45.7019, 24.8124, 25.3022 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 45.7019, 24.8124, 25.3022

Background



This preview shows how black text looks on a background with the XYZ color 45.7019, 24.8124, 25.3022.



This preview shows how white text looks on a background with the XYZ color 45.7019, 24.8124,

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

45.7019, 24.8124, 25.3022

Protanopia

25.4841, 24.9996, 48.8296

Deuteranopia

25.2794, 24.8532, 22.8668



Tritanopia

42.3647, 24.8639, 8.6972

Trichromacy



Original Color

45.7019, 24.8124, 25.3022



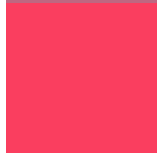
Protanomaly

28.4108, 21.1999, 38.6710



Deuteranomaly

30.0479, 22.2326, 23.4765



Tritanomaly

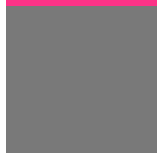
43.2125, 24.5955, 13.2963

Monochromacy



Original Color

45.7019, 24.8124, 25.3022



Achromatopsia

18.1737, 19.1202, 20.8219



Achromatomaly

24.3110, 18.3071, 21.9910

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.7019, 24.8124, 25.3022 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(252, 51, 135)` looks like.

```
.text, #text, p{  
    color:rgb(252, 51, 135)  
}
```

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(252, 51, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 51, 135) }
```

Border

The CSS property to change the border of an element to XYZ 45.7019, 24.8124, 25.3022 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(252, 51, 135) }
```


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

```
.border{ border-color:rgb(252, 51, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 51, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 51, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 51, 135);  
box-shadow:4px 4px 4px 4px rgb(252, 51,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 45.7019, 24.8124, 25.3022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 51, 135) }
```

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

```
.background{ background-color: rgb(252, 51,  
135) }
```

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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