

Converting Colors

XYZ(45.4943, 25.9610, 15.4090)

Have a look what the booklet for
XYZ(45.4943, 25.9610, 15.4090)
contains.

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Color

**XYZ(45.5785, 26.0199,
15.4520)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4167
RGB	255, 65, 103
RGB Percent	100%, 25%, 40%
CMY	0.0000, 0.7450, 0.5961
CMYK	0.00, 0.75, 0.60, 0.00
HSL	348°, 100%, 63%
HSV	348°, 75%, 100%
XYZ	45.5785, 26.0199, 15.4520
YIQ	126.1420, 101.0420, 52.0980

Conversions

Conversions Part 2

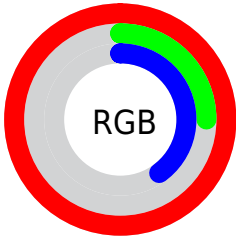
Format	Color
R_{YB}	255, 65, 103
Decimal	16728423
CIE _{Lab}	58.06, 72.15, 23.36
CIE _{LCh}	58, 75.842, 17.941
Yxy	26.0199, 0.5236, 0.2989
Android (android.graphics.Color)	4294918503 (0xFFFF4167)
YUV	126.1420, -11.4090, 113.0085
Hunter-Lab	51.0097, 70.2274, 17.7465

Details

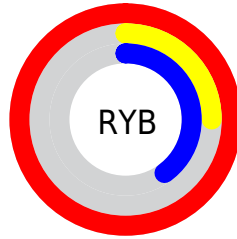
The XYZ color **45.5785, 26.0199, 15.4520** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **50.4669, 77.6544, 77.9838**, and the grayscale version is **19.8950, 20.9311, 22.7940**.

A 20% lighter version of the original color is **54.6621, 38.7718, 35.1746**, and **22.2244, 11.3718, 4.8945** is the 20% darker color. If you saturate the color by 10%, you get **43.5282, 23.3633, 10.3180**, and if you desaturate by 10%, it is **48.5399, 30.0994, 22.1225**.

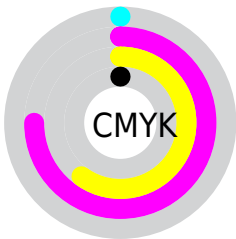
Distribution



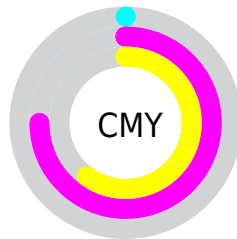
- Red (100%)
- Green (25%)
- Blue (40%)



- Red (100%)
- Yellow (25%)
- Blue (40%)



- Cyan (0%)
- Magenta (75%)
- Yellow (60%)
- Black (0%)




- Cyan (0%)
- Magenta (75%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.5785, 26.0199, 15.4520 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 45.5785, 26.0199, 15.4520 by changing the saturation by 10% instead.


 45.5785, 26.0199,
15.4520


 45.5785, 26.0199,
15.4520


359.8559,
282.8798, 237.8203


 32.1166, 16.8385,
8.9871


 82.8196, 53.3070,
36.3976

 21.6065, 10.1194,
4.6361


 107.3294, 72.1816,
51.7155

 13.6830, 5.4782,
1.9804


 136.2526, 95.0560,
70.8213

 7.9808, 2.5305,
0.5432

 169.9544,
122.3147, 94.1338

 4.1343, 0.8919,
0.0000

 208.8003,
154.3420, 122.0714

 1.7784, 0.0000,
0.0000

253.1556,

 0.5046, 0.0000,

191.5224, 155.0526

0.0000

303.3857,
234.2401, 193.4961

■ 0.0000, 0.0000,
0.0000

■ 45.5785, 26.0199,
15.4520

■ 45.5785, 26.0199,
15.4520

■ 43.5282, 23.3633,
10.3180

■ 48.5399, 30.0994,
22.1225

■ 42.2720, 21.9243,
6.5897

■ 52.5059, 35.7616,
30.4421


■ 41.8370, 21.4988,
5.0749

■ 57.5600, 43.1494,
40.5139

■ 63.7765, 52.3887,
52.4319

■ 71.2229, 63.5935,
66.2833

 79.9614, 76.8686,
82.1498

 90.0499, 92.3114,
100.1081

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



46.2858, 26.0199, 40.2419



45.5785, 26.0199, 15.4520



38.5194, 26.0199, 4.9486

Triad

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



45.5785, 26.0199, 15.4520



13.8162, 26.0199, 6.1837



21.2280, 26.0199, 111.9338

Complementary

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



45.5785, 26.0199, 15.4520



50.4669, 77.6544, 77.9838

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.



14.7020, 26.0199, 84.7741



45.5785, 26.0199, 15.4520



11.1875, 26.0199, 19.0384

Square

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



45.5785, 26.0199, 15.4520



19.6889, 26.0199, 2.3303



11.4656, 26.0199, 46.9011



30.5682, 26.0199, 108.6166

Rectangle

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



45.5785, 26.0199, 15.4520



31.9599, 26.0199, 2.5730



11.4656, 26.0199, 46.9011



18.6839, 26.0199, 105.6050

Sweetspot

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



45.5791, 26.0214, 15.4524



73.2878, 66.7198, 70.0646



48.5570, 25.7543, 97.0191



15.2088, 13.5575, 14.1215



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.



45.5791, 26.0214, 15.4524



42.8732, 22.5796, 8.4764



49.1551, 35.5632, 9.2768



18.1578, 18.0464, 19.4483



21.9025, 11.2503, 2.8711



2.1691, 1.1100, 0.4722

Inverse Universe

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



45.5791, 26.0214, 15.4524



42.8732, 22.5796, 8.4764



40.4258, 48.7342, 101.8833



18.1578, 18.0464, 19.4483



21.9025, 11.2503, 2.8711



2.1691, 1.1100, 0.4722

Previews

White Background



This preview shows how the XYZ color 45.5785, 26.0199, 15.4520 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 45.5785, 26.0199, 15.4520 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 45.5785, 26.0199, 15.4520

Background



This preview shows how black text looks on a background with the XYZ color 45.5785, 26.0199, 15.4520.



This preview shows how white text looks on a background with the XYZ color 45.5785, 26.0199,

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

45.5785, 26.0199, 15.4520

Protanopia

25.0757, 26.1110, 27.3852

Deuteranopia

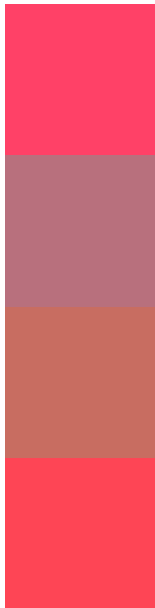
26.6939, 26.1832, 14.2366



Tritanopia

44.3623, 26.0717, 9.1728

Trichromacy



Original Color

45.5785, 26.0199, 15.4520

Protanomaly

29.2630, 23.2594, 22.3492

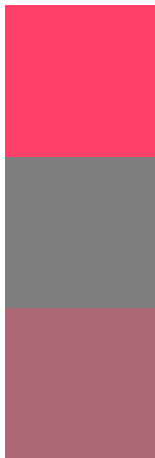
Deuteranomaly

31.4457, 24.0797, 14.2997

Tritanomaly

44.6409, 25.9830, 11.2567

Monochromacy



Original Color

45.5785, 26.0199, 15.4520

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

25.4539, 20.0929, 19.6763

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.5785, 26.0199, 15.4520 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(255, 65, 103)` looks like.

```
.text, #text, p{  
    color:rgb(255, 65, 103)  
}
```

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(255, 65, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 65, 103) }
```

Border

The CSS property to change the border of an element to XYZ 45.5785, 26.0199, 15.4520 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(255, 65, 103) }
```


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

```
.border{ border-color:rgb(255, 65, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 65, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 65, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 65, 103);  
box-shadow:4px 4px 4px 4px rgb(255, 65,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 45.5785, 26.0199, 15.4520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 65, 103) }
```

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

```
.background{ background-color: rgb(255, 65,  
103) }
```

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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