

Converting Colors

XYZ(45.1176, 25.9610, 15.9609)

Have a look what the booklet for
XYZ(45.1176, 25.9610, 15.9609)
contains.

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Color

**XYZ(45.0650, 25.9169,
15.9919)**

Conversions

Conversions Part 1

Format	Color
Hex	FD4369
RGB	253, 67, 105
RGB Percent	99%, 26%, 41%
CMY	0.0078, 0.7372, 0.5882
CMYK	0.00, 0.74, 0.58, 0.01
HSL	348°, 98%, 63%
HSV	348°, 74%, 99%
XYZ	45.0650, 25.9169, 15.9919
YIQ	126.9460, 98.6580, 51.2500

Conversions

Conversions Part 2

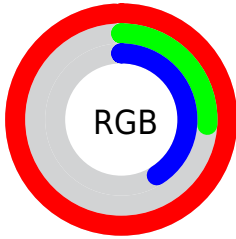
Format	Color
R_{YB}	253, 67, 105
Decimal	16597865
CIE _{Lab}	57.96, 71.10, 21.99
CIE _{LCh}	58, 74.424, 17.187
Yxy	25.9169, 0.5181, 0.2980
Android (android.graphics.Color)	4294787945 (0xFFFD4369)
YUV	126.9460, -10.8194, 110.5494
Hunter-Lab	50.9086, 68.9204, 17.0113

Details

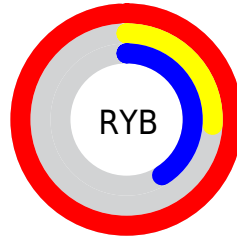
The XYZ color **45.0650, 25.9169, 15.9919** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **49.7081, 76.3510, 76.4157**, and the grayscale version is **20.1684, 21.2187, 23.1072**.

A 20% lighter version of the original color is **54.9599, 39.0986, 36.1026**, and **21.7500, 11.1243, 5.0038** is the 20% darker color. If you saturate the color by 10%, you get **42.9601, 23.1720, 10.7753**, and if you desaturate by 10%, it is **48.0724, 30.0754, 22.7181**.

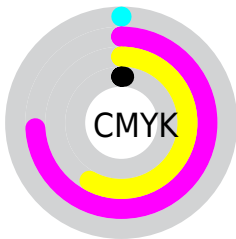
Distribution



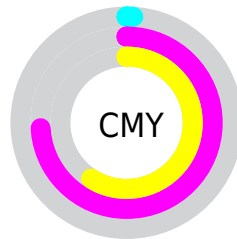
- Red (99%)
- Green (26%)
- Blue (41%)



- Red (99%)
- Yellow (26%)
- Blue (41%)



- Cyan (0%)
- Magenta (74%)
- Yellow (58%)
- Black (1%)





- Cyan (1%)
- Magenta (74%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.0650, 25.9169, 15.9919 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 45.0650, 25.9169, 15.9919 by changing the saturation by 10% instead.


 45.0650, 25.9169,
15.9919


 45.0650, 25.9169,
15.9919


357.8160,
282.3739, 241.1380


 31.7101, 16.7615,
9.3641


 82.0544, 53.1409,
37.3507


 21.2947, 10.0646,
4.8794


 106.4196, 71.9782,
52.9189


 13.4532, 5.4418,
2.1192


 135.1857, 94.8116,
72.3042

 7.8205, 2.5087,
0.6271

 168.7180,
122.0255, 95.9253

 4.0312, 0.8810,
0.0000

 207.3818,
154.0043, 124.2007

 1.7198, 0.0000,
0.0000

251.5425,

 0.4686, 0.0000,

191.1324, 157.5489

0.0000

301.5654,
233.7941, 196.3885

■ 0.0000, 0.0000,
0.0000

■ 45.0650, 25.9169,
15.9919

■ 45.0650, 25.9169,
15.9919

■ 42.9601, 23.1720,
10.7753

■ 48.0724, 30.0754,
22.7181

■ 41.6458, 21.6441,
6.9437


■ 52.0722, 35.8011,
31.0614


■ 41.1204, 21.1276,
5.1212


■ 57.1451, 43.2326,
41.1205

■ 63.3630, 52.4919,
52.9856

■ 70.7912, 63.6897,
66.7405

 79.4901, 76.9280,
82.4636

 89.5161, 92.3015,
100.2290

 94.3178, 99.6226,
108.8657

Harmonies

Analogous

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



45.5767, 25.9169, 40.6562



45.0650, 25.9169, 15.9919



38.3170, 25.9169, 5.2769

Triad

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



45.0650, 25.9169, 15.9919



14.0208, 25.9169, 6.1979



21.0018, 25.9169, 109.0215

Complementary

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



45.0650, 25.9169, 15.9919



49.7081, 76.3510, 76.4157

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.



14.6701, 25.9169, 82.1996



45.0650, 25.9169, 15.9919



11.3492, 25.9169, 18.6186

Square

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



45.0650, 25.9169, 15.9919



19.8788, 25.9169, 2.4435



11.5538, 25.9169, 45.4825



30.0911, 25.9169, 106.6358

Rectangle

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



45.0650, 25.9169, 15.9919



31.9463, 25.9169, 2.7827



11.5538, 25.9169, 45.4825



18.5312, 25.9169, 102.6622

Sweetspot

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



45.0656, 25.9184, 15.9923



73.3180, 66.7319, 70.2233



47.0919, 25.2094, 95.3120



15.2158, 13.5603, 14.1584



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.



45.0656, 25.9184, 15.9923



43.0392, 22.7471, 9.0389



48.2030, 34.6512, 9.4601



18.1611, 18.0477, 19.4654



21.9160, 11.2557, 2.9423



2.1709, 1.1107, 0.4814

Inverse Universe

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



45.0656, 25.9184, 15.9923



43.0392, 22.7471, 9.0389



40.7699, 49.7349, 100.3791



18.1611, 18.0477, 19.4654



21.9160, 11.2557, 2.9423



2.1709, 1.1107, 0.4814

Previews

White Background



This preview shows how the XYZ color 45.0650, 25.9169, 15.9919 looks on a white background.

Color Contrast Check

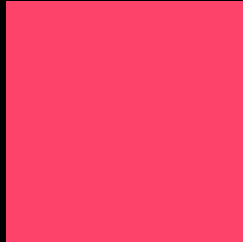
Large Text (above 18pt) WCAG AA ✓ Pass

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 45.0650, 25.9169, 15.9919 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 45.0650, 25.9169, 15.9919

Background



This preview shows how black text looks on a background with the XYZ color 45.0650, 25.9169, 15.9919.



This preview shows how white text looks on a background with the XYZ color 45.0650, 25.9169,

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

45.0650, 25.9169, 15.9919

Protanopia

25.0481, 26.0801, 28.1399

Deuteranopia

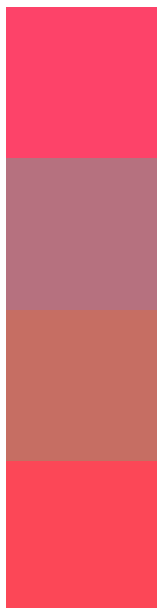
26.5728, 26.1102, 14.7056



Tritanopia

43.8319, 25.9823, 9.5424

Trichromacy



Original Color

45.0650, 25.9169, 15.9919

Protanomaly

29.0273, 23.2876, 23.0437

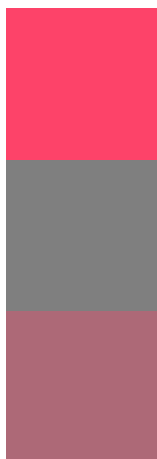
Deuteranomaly

31.1168, 24.0585, 14.8081

Tritanomaly

44.1184, 25.8900, 11.6888

Monochromacy



Original Color

45.0650, 25.9169, 15.9919

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

25.6149, 20.3193, 20.0247

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.0650, 25.9169, 15.9919 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(253, 67, 105)` looks like.

```
.text, #text, p{  
    color:rgb(253, 67, 105)  
}
```

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(253, 67, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 67, 105) }
```

Border

The CSS property to change the border of an element to XYZ 45.0650, 25.9169, 15.9919 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(253, 67, 105) }
```


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

```
.border{ border-color:rgb(253, 67, 105) }
```

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

Here you see how a box with a 4 pixel rgb(253, 67, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 67, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 67, 105);  
box-shadow:4px 4px 4px 4px rgb(253, 67,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 45.0650, 25.9169, 15.9919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 67, 105) }
```

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

```
.background{ background-color: rgb(253, 67,  
105) }
```

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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