

Converting Colors

XYZ(45.1169, 24.9227, 15.8017)

Have a look what the booklet for
XYZ(45.1169, 24.9227, 15.8017)
contains.

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Color

**XYZ(45.1090, 24.9183,
15.7968)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3669
RGB	255, 54, 105
RGB Percent	100%, 21%, 41%
CMY	0.0000, 0.7882, 0.5882
CMYK	0.00, 0.79, 0.59, 0.00
HSL	345°, 100%, 61%
HSV	345°, 79%, 100%
XYZ	45.1090, 24.9183, 15.7968
YIQ	119.9130, 103.4250, 58.4730

Conversions

Conversions Part 2

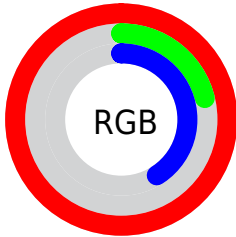
Format	Color
R_{YB}	255, 54, 105
Decimal	16725609
CIE _{Lab}	57.00, 75.38, 20.76
CIE _{LCh}	57, 78.183, 15.401
Yxy	24.9183, 0.5256, 0.2903
Android (android.graphics.Color)	4294915689 (0xFFFF3669)
YUV	119.9130, -7.3521, 118.4713
Hunter-Lab	49.9182, 73.9460, 16.1802

Details

The XYZ color **45.1090, 24.9183, 15.7968** 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 **48.1831, 76.6648, 69.3953**, and the grayscale version is **17.8268, 18.7552, 20.4244**.

A 20% lighter version of the original color is **53.9572, 37.0932, 35.7683**, and **22.2753, 11.3921, 5.1625** is the 20% darker color. If you saturate the color by 10%, you get **43.3459, 22.7865, 10.9112**, and if you desaturate by 10%, it is **47.7134, 28.3828, 22.0430**.

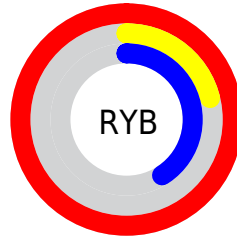
Distribution



Red (100%)

Green (21%)

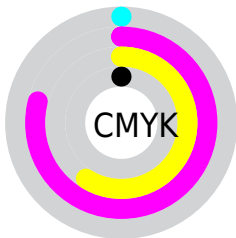
Blue (41%)



Red (100%)

Yellow (21%)

Blue (41%)

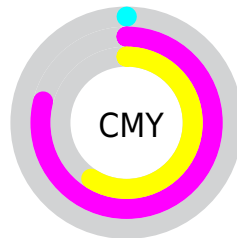


Cyan (0%)

Magenta (79%)

Yellow (59%)

Black (0%)



Cyan (0%)


Magenta (79%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.1090, 24.9183, 15.7968 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 45.1090, 24.9183, 15.7968 by changing the saturation by 10% instead.


 45.1090, 24.9183,
15.7968

 45.1090, 24.9183,
15.7968


357.9911,
277.4308, 239.9443


 31.7449, 16.0162,
9.2277


 82.1200, 51.5247,
37.0069

 21.3214, 9.5356,
4.7912


 106.4977, 69.9977,
52.4851


 13.4729, 5.0922,
2.0687


 135.2772, 92.4298,
71.7699

 7.8342, 2.3014,
0.5970

 168.8241,
119.2055, 95.2801

 4.0400, 0.7745,
0.0000

 207.5035,
150.7090, 123.4340

 1.7248, 0.0000,
0.0000

251.6809,

 0.4717, 0.0000,

187.3248, 156.6504

0.0000

301.7217,
229.4373, 195.3476

■ 0.0000, 0.0000,
0.0000

■ 45.1090, 24.9183,
15.7968

■ 45.1090, 24.9183,
15.7968

■ 43.3459, 22.7865,
10.9112

■ 47.7134, 28.3828,
22.0430

■ 42.2838, 21.7299,
7.2661

■ 51.2559, 33.3517,
29.7477

■ 42.1849, 21.6379,
6.9066

■ 55.8214, 39.9751,
39.0004

■ 61.4846, 48.3840,
49.8823

■ 68.3128, 58.6958,
62.4690

■ 76.3678, 71.0182,
76.8310

■ 85.7071, 85.4506,
93.0349

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.



45.2074, 24.9183, 41.9762



45.1090, 24.9183, 15.7968



38.3694, 24.9183, 4.7055

Triad

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



45.1090, 24.9183, 15.7968



13.2058, 24.9183, 4.8629



19.5069, 24.9183, 111.3738

Complementary

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



45.1090, 24.9183, 15.7968



48.1831, 76.6648, 69.3953

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.



13.3245, 24.9183, 81.4092



45.1090, 24.9183, 15.7968



10.3777, 24.9183, 16.2785

Square

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



45.1090, 24.9183, 15.7968



19.2978, 24.9183, 1.7507



10.4147, 24.9183, 42.8977



28.6892, 24.9183, 110.9046

Rectangle

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



45.1090, 24.9183, 15.7968



31.8198, 24.9183, 2.2358



10.4147, 24.9183, 42.8977



17.0687, 24.9183, 103.9649

Sweetspot

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



45.1096, 24.9198, 15.7972



72.0362, 64.3742, 69.1613



43.5661, 22.3335, 96.6219



14.8233, 12.8700, 13.7352



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.



45.1096, 24.9198, 15.7972



42.6236, 22.0386, 8.5216



46.5513, 30.8169, 6.9869



18.1984, 18.0627, 19.6619



22.0930, 11.3265, 3.8741



2.1929, 1.1196, 0.5975

Inverse Universe

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



45.1096, 24.9198, 15.7972



42.6236, 22.0386, 8.5216



42.1533, 53.1670, 102.6478



18.1984, 18.0627, 19.6619



22.0930, 11.3265, 3.8741



2.1929, 1.1196, 0.5975

Previews

White Background



This preview shows how the XYZ color 45.1090, 24.9183, 15.7968 looks on a white background.

Color Contrast Check

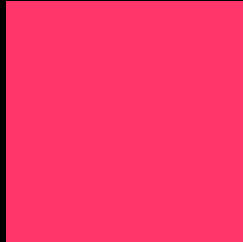
Large Text (above 18pt) WCAG AA ✓ Pass

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 45.1090, 24.9183, 15.7968 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 45.1090, 24.9183, 15.7968

Background



This preview shows how black text looks on a background with the XYZ color 45.1090, 24.9183, 15.7968.



This preview shows how white text looks on a background with the XYZ color 45.1090, 24.9183,

15.7968.

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

45.1090, 24.9183, 15.7968

Protanopia

24.2433, 24.9948, 29.5333

Deuteranopia

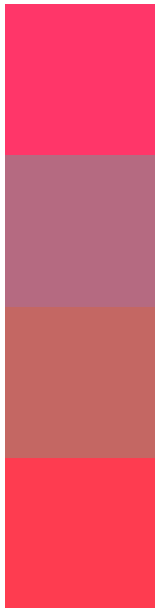
25.2861, 24.8454, 14.2894



Tritanopia

43.2397, 24.8193, 7.5127

Trichromacy



Original Color

45.1090, 24.9183, 15.7968

Protanomaly

28.1725, 21.7168, 23.4758

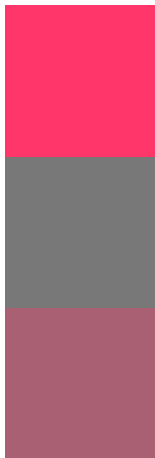
Deuteranomaly

29.8673, 22.3371, 14.5417

Tritanomaly

43.9369, 24.8817, 10.0763

Monochromacy



Original Color

45.1090, 24.9183, 15.7968

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

23.6396, 18.0386, 18.4555

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.1090, 24.9183, 15.7968 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, 54, 105)` looks like.

```
.text, #text, p{  
    color:rgb(255, 54, 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(255, 54, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 54, 105) }
```

Border

The CSS property to change the border of an element to XYZ 45.1090, 24.9183, 15.7968 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, 54, 105) }
```


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

```
.border{ border-color:rgb(255, 54, 105) }
```

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

Here you see how a box with a 4 pixel rgb(255, 54, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 54, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 54, 105);  
box-shadow:4px 4px 4px 4px rgb(255, 54,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 45.1090, 24.9183, 15.7968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 54, 105) }
```

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

```
.background{ background-color: rgb(255, 54,  
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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