

Converting Colors

XYZ(45.2823, 24.9227, 30.3540)

Have a look what the booklet for
XYZ(45.2823, 24.9227, 30.3540)
contains.

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Color

**XYZ(45.1662, 24.8385,
30.4308)**

Conversions

Conversions Part 1

Format	Color
Hex	F73994
RGB	247, 57, 148
RGB Percent	97%, 22%, 58%
CMY	0.0314, 0.7764, 0.4196
CMYK	0.00, 0.77, 0.40, 0.03
HSL	331°, 92%, 60%
HSV	331°, 77%, 97%
XYZ	45.1662, 24.8385, 30.4308
YIQ	124.1840, 84.0290, 68.5810

Conversions

Conversions Part 2

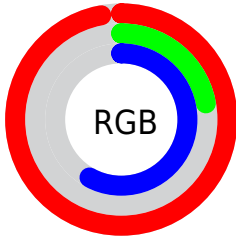
Format	Color
R _Y B	247, 57, 148
Decimal	16202132
CIE Lab	56.92, 75.88, -5.04
CIE LCh	57, 76.044, 356.199
Yxy	24.8385, 0.4497, 0.2473
Android (android.graphics.Color)	4294392212 (0xFF73994)
YUV	124.1840, 11.7413, 107.7096
Hunter-Lab	49.8382, 74.5498, -1.3152

Details

The XYZ color **45.1662, 24.8385, 30.4308** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **40.9507, 69.7925, 42.7713**, and the grayscale version is **19.1639, 20.1620, 21.9564**.

A 20% lighter version of the original color is **58.8602, 39.4433, 60.3882**, and **22.2122, 11.1961, 12.5456** is the 20% darker color. If you saturate the color by 10%, you get **43.2651, 22.5771, 25.0471**, and if you desaturate by 10%, it is **47.7752, 28.3343, 36.6098**.

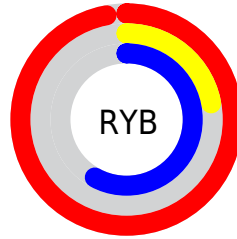
Distribution



Red (97%)

Green (22%)

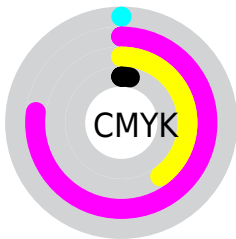
Blue (58%)



Red (97%)

Yellow (22%)

Blue (58%)

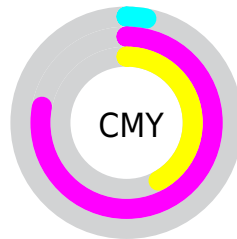


Cyan (0%)

Magenta (77%)

Yellow (40%)

Black (3%)



Cyan (3%)


Magenta (78%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.1662, 24.8385, 30.4308 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 45.1662, 24.8385, 30.4308 by changing the saturation by 10% instead.


 45.1662, 24.8385,
30.4308


 45.1662, 24.8385,
30.4308

358.2186,
277.0327, 318.1770

 31.7902, 15.9568,
19.9110


 82.2053, 51.3951,
61.4118


 21.3561, 9.4936,
12.1469


 106.5991, 69.8388,
82.7101


 13.4985, 5.0645,
6.7201


 135.3962, 92.2385,
108.4383

 7.8520, 2.2852,
3.2119

 168.9619,
118.9788, 139.0150

 4.0514, 0.7658,
1.2038

 207.6617,
150.4440, 174.8587

 1.7313, 0.0000,
0.0000

251.8608,

 0.4757, 0.0000,

187.0184, 216.3878

0.0000

301.9247,
229.0865, 264.0211

■ 0.0000, 0.0000,
0.0000

■ 45.1662, 24.8385,
30.4308

■ 45.1662, 24.8385,
30.4308

■ 43.2651, 22.5771,
25.0471

■ 47.7752, 28.3343,
36.6098

■ 41.9693, 21.3510,
20.4057

■ 51.1694, 33.2136,
43.6267

■ 41.6451, 21.0891,
19.1061

■ 55.4176, 39.6086,
51.5212

■ 60.5801, 47.6346,
60.3294

■ 66.7114, 57.3958,
70.0847

73.8616, 68.9876,
80.8187

82.0773, 82.4984,
92.5611

91.4020, 98.0108,
105.3404

92.1678, 98.5141,
108.7651

Harmonies

Analogous

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



40.9022, 24.8385, 64.5638



45.1662, 24.8385, 30.4308



42.5631, 24.8385, 10.6495

Triad

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



45.1662, 24.8385, 30.4308



16.8224, 24.8385, 2.5859



15.3009, 24.8385, 91.7566

Complementary

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



45.1662, 24.8385, 30.4308



40.9507, 69.7925, 42.7713

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.



11.3292, 24.8385, 55.0116



45.1662, 24.8385, 30.4308



12.0399, 24.8385, 7.8998

Square

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



45.1662, 24.8385, 30.4308



24.7627, 24.8385, 1.6854



10.3057, 24.8385, 23.9200



22.4903, 24.8385, 111.5117

Rectangle

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



45.1662, 24.8385, 30.4308



37.5661, 24.8385, 4.8377



10.3057, 24.8385, 23.9200



13.6229, 24.8385, 80.1778

Sweetspot

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



45.1669, 24.8399, 30.4312



74.5730, 66.3036, 79.7005



31.8031, 16.6287, 89.5291



15.3917, 13.2721, 16.1895



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.



45.1669, 24.8399, 30.4312



45.7139, 23.4612, 24.2200



40.7219, 23.3203, 6.2277



16.8297, 16.6147, 18.8496



22.0956, 11.1817, 10.4779



1.9936, 1.0034, 1.1928

Inverse Universe

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



45.1669, 24.8399, 30.4312



45.7139, 23.4612, 24.2200



50.7772, 72.1869, 99.2529



16.8297, 16.6147, 18.8496



22.0956, 11.1817, 10.4779



1.9936, 1.0034, 1.1928

Previews

White Background



This preview shows how the XYZ color 45.1662, 24.8385, 30.4308 looks on a white background.

Color Contrast Check

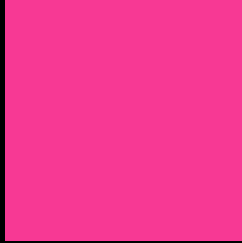
Large Text (above 18pt) WCAG AA ✓ Pass

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 45.1662, 24.8385, 30.4308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

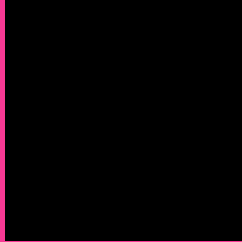
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.1662, 24.8385, 30.4308

Background



This preview shows how black text looks on a background with the XYZ color 45.1662, 24.8385, 30.4308.



This preview shows how white text looks on a background with the XYZ color 45.1662, 24.8385,

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

45.1662, 24.8385, 30.4308

Protanopia

26.1931, 25.1871, 56.9071

Deuteranopia

25.4422, 25.0287, 27.9162



Tritanopia

40.9946, 24.8028, 10.2162

Trichromacy



Original Color

45.1662, 24.8385, 30.4308



Protanomaly

28.8058, 21.7032, 45.8509



Deuteranomaly

29.9416, 22.3704, 28.3310



Tritanomaly

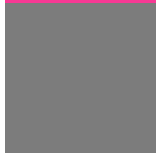
41.9862, 24.5093, 15.8824

Monochromacy



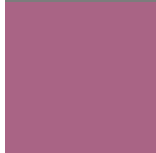
Original Color

45.1662, 24.8385, 30.4308



Achromatopsia

19.1579, 20.1556, 21.9495



Achromatomaly

25.1530, 19.2428, 24.5788

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.1662, 24.8385, 30.4308 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(247, 57, 148)` looks like.

```
.text, #text, p{  
    color:rgb(247, 57, 148)  
}
```

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(247, 57, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 57, 148) }
```

Border

The CSS property to change the border of an element to XYZ 45.1662, 24.8385, 30.4308 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(247, 57, 148) }
```


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

```
.border{ border-color:rgb(247, 57, 148) }
```

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

Here you see how a box with a 4 pixel rgb(247, 57, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 57, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 57, 148);  
box-shadow:4px 4px 4px 4px rgb(247, 57,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 45.1662, 24.8385, 30.4308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 57, 148) }
```

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

```
.background{ background-color: rgb(247, 57,  
148) }
```

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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