

Converting Colors

XYZ(44.5204, 25.0695, 30.5575)

Have a look what the booklet for
XYZ(44.5204, 25.0695, 30.5575)
contains.

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Color

**XYZ(44.4869, 25.0380,
30.5051)**

Conversions

Conversions Part 1

Format	Color
Hex	F44094
RGB	244, 64, 148
RGB Percent	96%, 25%, 58%
CMY	0.0431, 0.7490, 0.4196
CMYK	0.00, 0.74, 0.39, 0.04
HSL	332°, 89%, 60%
HSV	332°, 74%, 96%
XYZ	44.4869, 25.0380, 30.5051
YIQ	127.3960, 80.3160, 64.2840

Conversions

Conversions Part 2

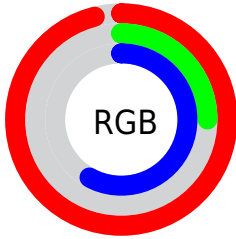
Format	Color
RYB	244, 64, 148
Decimal	16007316
CIELab	57.11, 73.07, -4.81
CIELCh	57, 73.230, 356.232
Yxy	25.0380, 0.4447, 0.2503
Android (android.graphics.Color)	4294197396 (0xFFFF44094)
YUV	127.3960, 10.1578, 102.2617
Hunter-Lab	50.0380, 71.1312, -1.1189

Details

The XYZ color **44.4869, 25.0380, 30.5051** 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 **40.8120, 68.3302, 44.3011**, and the grayscale version is **20.2575, 21.3125, 23.2093**.

A 20% lighter version of the original color is **59.3615, 40.4460, 60.5553**, and **21.4960, 10.8269, 12.5121** is the 20% darker color. If you saturate the color by 10%, you get **42.4262, 22.4735, 25.0184**, and if you desaturate by 10%, it is **47.2662, 28.8541, 36.8032**.

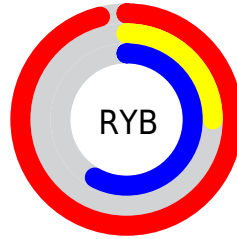
Distribution



Red (96%)

Green (25%)

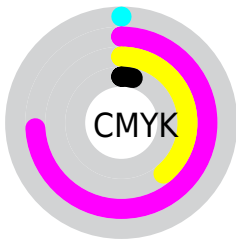
Blue (58%)



Red (96%)

Yellow (25%)

Blue (58%)

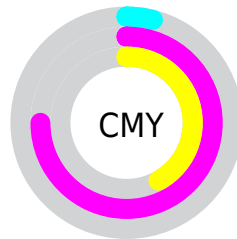


Cyan (0%)

Magenta (74%)

Yellow (39%)

Black (4%)



Cyan (4%)


Magenta (75%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.4869, 25.0380, 30.5051 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 44.4869, 25.0380, 30.5051 by changing the saturation by 10% instead.

 44.4869, 25.0380,
30.5051


 44.4869, 25.0380,
30.5051


355.5103,
278.0271, 318.5321


 31.2530, 16.1054,
19.9670

 81.1917, 51.7189,
61.5305


 20.9444, 9.5987,
12.1872


 105.3934, 70.2359,
82.8548


 13.1956, 5.1337,
6.7472


 133.9817, 92.7165,
108.6116

 7.6413, 2.3259,
3.2285

 167.3220,
119.5451, 139.2195

 3.9161, 0.7874,
1.2125

 205.7796,
151.1060, 175.0969

 1.6548, 0.0000,
0.0000

249.7200,

 0.4277, 0.0000,

187.7838, 216.6625

0.0000

299.5084,
229.9627, 264.3347

■ 0.0000, 0.0000,
0.0000

■ 44.4869, 25.0380,
30.5051

■ 44.4869, 25.0380,
30.5051

■ 42.4262, 22.4735,
25.0184

■ 47.2662, 28.8541,
36.8032

■ 40.9931, 20.9852,
20.2933


■ 50.8352, 34.0586,
43.9538


■ 40.3374, 20.4448,
17.6976

■ 55.2583, 40.7745,
51.9956


■ 60.5923, 49.1101,
60.9642

■ 66.8889, 59.1637,
70.8925

 74.1959, 71.0257,
81.8117

 82.5575, 84.7801,
93.7514

 90.6569, 97.7885,
106.2868

 91.1182, 97.9731,
108.7160

Harmonies

Analogous

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



40.4245, 25.0380, 63.1159



44.4869, 25.0380, 30.5051



41.9965, 25.0380, 11.1923

Triad

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



44.4869, 25.0380, 30.5051



17.1924, 25.0380, 2.9943



15.7164, 25.0380, 88.9030

Complementary

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



44.4869, 25.0380, 30.5051



40.8120, 68.3302, 44.3011

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.



11.8029, 25.0380, 54.1169



44.4869, 25.0380, 30.5051



12.4993, 25.0380, 8.4630

Square

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



44.4869, 25.0380, 30.5051



24.9048, 25.0380, 2.0245



10.7856, 25.0380, 24.2575



22.7242, 25.0380, 107.4637

Rectangle

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



44.4869, 25.0380, 30.5051



37.2172, 25.0380, 5.3325



10.7856, 25.0380, 24.2575



14.0678, 25.0380, 77.9797

Sweetspot

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



44.4876, 25.0394, 30.5055



75.2417, 67.5014, 80.3535



32.6615, 17.6740, 87.2778



15.6656, 13.7402, 16.5267



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.



44.4876, 25.0394, 30.5055



45.9562, 23.8128, 24.7111



40.4248, 23.9852, 7.3513



16.8209, 16.6112, 18.8036



22.0009, 11.1438, 9.9791



1.9851, 1.0000, 1.1478

Inverse Universe

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



44.4876, 25.0394, 30.5055



45.9562, 23.8128, 24.7111



49.0189, 68.7713, 96.2785



16.8209, 16.6112, 18.8036



22.0009, 11.1438, 9.9791



1.9851, 1.0000, 1.1478

Previews

White Background



This preview shows how the XYZ color 44.4869, 25.0380, 30.5051 looks on a white background.

Color Contrast Check

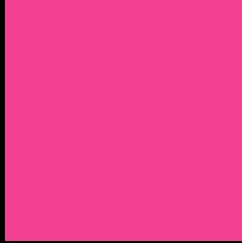
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.4869, 25.0380, 30.5051 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 44.4869, 25.0380, 30.5051

Background



This preview shows how black text looks on a background with the XYZ color 44.4869, 25.0380, 30.5051.



This preview shows how white text looks on a background with the XYZ color 44.4869, 25.0380,

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

44.4869, 25.0380, 30.5051

Protanopia

26.1495, 25.4253, 54.5683

Deuteranopia

25.6254, 25.1232, 27.9247



Tritanopia

40.5173, 25.0660, 11.2971

Trichromacy



Original Color

44.4869, 25.0380, 30.5051



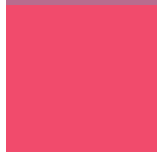
Protanomaly

28.8216, 22.2187, 44.3645



Deuteranomaly

30.0122, 22.8685, 28.4234



Tritanomaly

41.4985, 24.8156, 16.7900

Monochromacy



Original Color

44.4869, 25.0380, 30.5051



Achromatopsia

20.1725, 21.2231, 23.1119



Achromatomaly

25.9011, 20.1959, 25.4547

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4869, 25.0380, 30.5051 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(244, 64, 148)` looks like.

```
.text, #text, p{  
    color:rgb(244, 64, 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(244, 64, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 64, 148) }
```

Border

The CSS property to change the border of an element to XYZ 44.4869, 25.0380, 30.5051 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(244, 64, 148) }
```


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

```
.border{ border-color:rgb(244, 64, 148) }
```

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

Here you see how a box with a 4 pixel rgb(244, 64, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 64, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 64, 148);  
box-shadow:4px 4px 4px 4px rgb(244, 64,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4869, 25.0380, 30.5051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 64, 148) }
```

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

```
.background{ background-color: rgb(244, 64,  
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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