

Converting Colors

$Y_{xy}(24.5534, 0.4385, 0.2433)$

Have a look what the booklet for
Yxy(24.5534, 0.4385, 0.2433)
contains.

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Color

Yxy(24.5534, 0.4385, 0.2433)

Conversions

Conversions Part 1

Format	Color
Hex	F33C98
RGB	243, 60, 152
RGB Percent	95%, 24%, 60%
CMY	0.0469, 0.7648, 0.4039
CMYK	0.00, 0.75, 0.37, 0.05
HSL	330°, 88%, 59%
HSV	330°, 75%, 95%
XYZ	44.2526, 24.5534, 32.1122
YIQ	125.2050, 79.5360, 67.4080

Conversions

Conversions Part 2

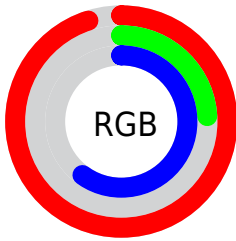
Format	Color
R _Y B	243, 60, 152
Decimal	15940760
CIE Lab	56.64, 74.44, -7.89
CIE LCh	57, 74.852, 353.950
Yxy	24.5534, 0.4385, 0.2433
Android (android.graphics.Color)	4294130840 (0xFFFF33C98)
YUV	125.2050, 13.2099, 103.3062
Hunter-Lab	49.5514, 72.6973, -3.7374

Details

The Yxy color **24.5534, 0.4385, 0.2433** 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 **67.3118, 0.2687, 0.4579**, and the grayscale version is **20.5107, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.8821, 0.3664, 0.2457**, and **10.8847, 0.4725, 0.2377** is the 20% darker color. If you saturate the color by 10%, you get **22.1920, 0.4633, 0.2430**, and if you desaturate by 10%, it is **28.1254, 0.4144, 0.2486**.

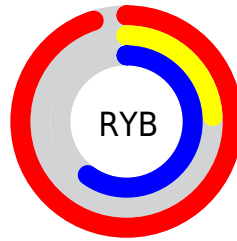
Distribution



Red (95%)

Green (24%)

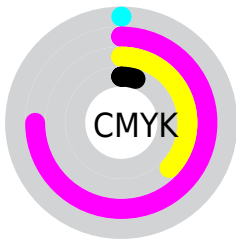
Blue (60%)



Red (95%)

Yellow (24%)

Blue (60%)

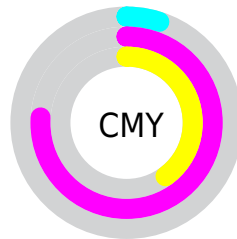


Cyan (0%)

Magenta (75%)

Yellow (37%)

Black (5%)



Cyan (5%)


Magenta (76%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.5534, 0.4385, 0.2433 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 Yxy color 24.5534, 0.4385, 0.2433 by changing the saturation by 10% instead.


 24.5534, 0.4385,
0.2433


 24.5534, 0.4385,
0.2433


275.6065, 0.3708,
0.2882


 15.7446, 0.4569,
0.2316


 50.9318, 0.4128,
0.2600


 9.3436, 0.4814,
0.2162


 69.2702, 0.4034,
0.2662


 4.9660, 0.5154,
0.1955


 91.5539, 0.3957,
0.2714

 2.2273, 0.5652,
0.1663

 118.1674, 0.3891,
0.2757

 0.7348, 0.6438,
0.1223

 149.4950, 0.3835,
0.2795

 0.0000, 0.9176,
0.0000

185.9211, 0.3787,


 0.0000, 1.0000,


0.2828


0.0000


227.8301, 0.3745,
0.2857

 0.0000, 0.0000,
0.0000

 24.5534, 0.4385,
0.2433


 24.5534, 0.4385,
0.2433

 22.1920, 0.4633,
0.2430


 28.1254, 0.4144,
0.2486

 20.8614, 0.4874,
0.2481


 33.0469, 0.3920,
0.2578

 20.4693, 0.4984,
0.2519


 39.4420, 0.3720,
0.2695


 47.4194, 0.3547,
0.2826

 57.0776, 0.3400,
0.2961

 68.5069, 0.3277,
0.3096

 81.7913, 0.3174,
0.3224

 97.0091, 0.3090,
0.3346

 97.7997, 0.3054,
0.3290

Harmonies

Analogous

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



24.5534, 0.3045, 0.1885



24.5534, 0.4385, 0.2433



24.5534, 0.5386, 0.3132

Triad

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



24.5534, 0.4385, 0.2433



24.5534, 0.3884, 0.5551



24.5534, 0.1170, 0.1939

Complementary

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



24.5534, 0.4385, 0.2433



67.3118, 0.2687, 0.4579

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.



24.5534, 0.1281, 0.2823



24.5534, 0.4385, 0.2433



24.5534, 0.2779, 0.5569

Square

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



24.5534, 0.4385, 0.2433



24.5534, 0.4884, 0.4769



24.5534, 0.1817, 0.4316



24.5534, 0.1399, 0.1589

Rectangle

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



24.5534, 0.4385, 0.2433



24.5534, 0.5568, 0.3638



24.5534, 0.1817, 0.4316



24.5534, 0.1167, 0.2163

Sweetspot

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



24.5548, 0.4385, 0.2433



66.3799, 0.3370, 0.2992



16.0384, 0.2272, 0.1211



13.2905, 0.3418, 0.2943



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.5548, 0.4385, 0.2433



23.8964, 0.4753, 0.2448



22.6468, 0.5712, 0.3276



16.6215, 0.3215, 0.3172



11.2586, 0.4949, 0.2500



1.0103, 0.4672, 0.2347

Inverse Universe

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



24.5548, 0.4385, 0.2433



23.8964, 0.4753, 0.2448



71.3675, 0.2313, 0.3326



16.6215, 0.3215, 0.3172



11.2586, 0.4949, 0.2500



1.0103, 0.4672, 0.2347

Previews

White Background



This preview shows how the Yxy color 24.5534, 0.4385, 0.2433 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 Yxy color 24.5534, 0.4385, 0.2433 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](#).

Yxy 24.5534, 0.4385, 0.2433

Background



This preview shows how black text looks on a background with the Yxy color 24.5534, 0.4385, 0.2433.



This preview shows how white text looks on a background with the Yxy color 24.5534, 0.4385, 0.2433.

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

24.5534, 0.4385, 0.2433

Protanopia

24.8446, 0.2374, 0.2268

Deuteranopia

24.5967, 0.3170, 0.3111



Tritanopia

24.4092, 0.5282, 0.3251

Trichromacy



Original Color

24.5534, 0.4385, 0.2433



Protanomaly

21.5114, 0.2924, 0.2207



Deuteranomaly

22.2071, 0.3606, 0.2724



Tritanomaly

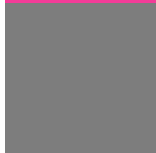
24.2641, 0.4985, 0.2949

Monochromacy



Original Color

24.5534, 0.4385, 0.2433



Achromatopsia

20.5079, 0.3127, 0.3290



Achromatomaly

19.3815, 0.3602, 0.2773

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.5534, 0.4385, 0.2433 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(243, 60, 152)` looks like.

```
.text, #text, p{  
    color:rgb(243, 60, 152)  
}
```

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(243, 60, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 60, 152) }
```

Border

The CSS property to change the border of an element to Yxy 24.5534, 0.4385, 0.2433 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(243, 60, 152) }
```

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

```
.border{ border-color:rgb(243, 60, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 60, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 60, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 60, 152);  
box-shadow:4px 4px 4px 4px rgb(243, 60,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 24.5534, 0.4385, 0.2433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 60, 152) }
```

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

```
.background{ background-color: rgb(243, 60,  
152) }
```

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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