

Converting Colors

$Y_{xy}(24.1212, 0.5015, 0.2656)$

Have a look what the booklet for
Yxy(24.1212, 0.5015, 0.2656)
contains.

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Color

Yxy(24.1411, 0.5022, 0.2662)

Conversions

Conversions Part 1

Format	Color
Hex	FF277B
RGB	255, 39, 123
RGB Percent	100%, 15%, 48%
CMY	0.0000, 0.8471, 0.5176
CMYK	0.00, 0.85, 0.52, 0.00
HSL	337°, 100%, 58%
HSV	337°, 85%, 100%
XYZ	45.5434, 24.1411, 21.0033
YIQ	113.1600, 101.7720, 71.9160

Conversions

Conversions Part 2

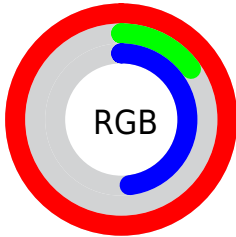
Format	Color
R_{YB}	255, 39, 123
Decimal	16721787
CIE _{Lab}	56.23, 79.93, 8.97
CIE _{LCh}	56, 80.431, 6.405
Yxy	24.1411, 0.5022, 0.2662
Android (android.graphics.Color)	4294911867 (0xFFFF277B)
YUV	113.1600, 4.8511, 124.3937
Hunter-Lab	49.1336, 79.4733, 9.0486

Details

The Yxy color **24.1411, 0.5022, 0.2662** is a dark color, and the websafe version is hex **FF0066**. The color can be described as middle washed rose. A complement of this color would be **74.8908, 0.2593, 0.4419**, and the grayscale version is **16.5255, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.7240, 0.4050, 0.2647**, and **11.5844, 0.5414, 0.2756** is the 20% darker color. If you saturate the color by 10%, you get **22.6314, 0.5324, 0.2734**, and if you desaturate by 10%, it is **26.8353, 0.4703, 0.2644**.

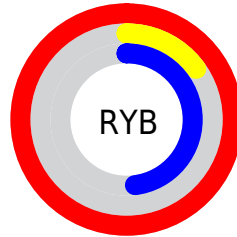
Distribution



Red (100%)

Green (15%)

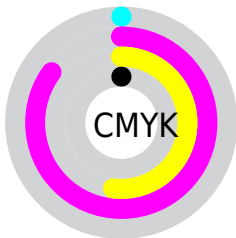
Blue (48%)



Red (100%)

Yellow (15%)

Blue (48%)

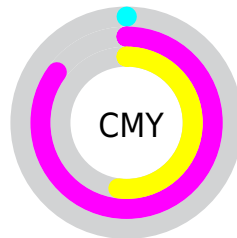


Cyan (0%)

Magenta (85%)

Yellow (52%)

Black (0%)



Cyan (0%)


Magenta (85%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.1411, 0.5022, 0.2662 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 24.1411, 0.5022, 0.2662 by changing the saturation by 10% instead.


 24.1411, 0.5022,
0.2662

 24.1411, 0.5022,
0.2662


273.5331, 0.3982,
0.3028


 15.4383, 0.5307,
0.2553


 50.2604, 0.4624,
0.2808


 9.1276, 0.5685,
0.2404


 68.4456, 0.4480,
0.2859


 4.8245, 0.6203,
0.2190

 90.5605, 0.4361,
0.2900

 2.1447, 0.6936,
0.1866

 116.9894, 0.4261,
0.2935

 0.6896, 0.8354,
0.1396

 148.1167, 0.4176,
0.2964

 0.0000, 1.0000,
0.0000

184.3268, 0.4102,

 0.0000, 0.0000,

0.2988

0.0000

226.0042, 0.4038,
0.3010

■ 24.1411, 0.5022,
0.2662

■ 24.1411, 0.5022,
0.2662

■ 22.6314, 0.5324,
0.2734

■ 26.8353, 0.4703,
0.2644


■ 22.1645, 0.5472,
0.2788


■ 30.9107, 0.4390,
0.2674


■ 36.5281, 0.4102,
0.2741

■ 43.8257, 0.3848,
0.2831

■ 52.9265, 0.3631,
0.2934

 63.9414, 0.3450,
0.3040

 76.9728, 0.3300,
0.3145

 92.1153, 0.3177,
0.3245

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



24.1411, 0.3619, 0.2013



24.1411, 0.5022, 0.2662



24.1411, 0.5716, 0.3412

Triad

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



24.1411, 0.5022, 0.2662



24.1411, 0.3399, 0.5891



24.1411, 0.1127, 0.1645

Complementary

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



24.1411, 0.5022, 0.2662



74.8908, 0.2593, 0.4419

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.



24.1411, 0.1085, 0.2296



24.1411, 0.5022, 0.2662



24.1411, 0.2264, 0.5358

Square

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



24.1411, 0.5022, 0.2662



24.1411, 0.4533, 0.5207



24.1411, 0.1429, 0.3661



24.1411, 0.1510, 0.1459

Rectangle

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



24.1411, 0.5022, 0.2662



24.1411, 0.5617, 0.3958



24.1411, 0.1429, 0.3661



24.1411, 0.1076, 0.1799

Sweetspot

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



24.1412, 0.5022, 0.2662



63.5910, 0.3454, 0.3037



17.0614, 0.2366, 0.1152



12.7390, 0.3515, 0.3000



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.



24.1412, 0.5022, 0.2662



22.1645, 0.5472, 0.2788



24.7010, 0.5977, 0.3414



18.1041, 0.3233, 0.3198



11.6085, 0.5429, 0.2764



1.1509, 0.5124, 0.2596

Inverse Universe

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



24.1412, 0.5022, 0.2662



22.1645, 0.5472, 0.2788



66.1556, 0.2197, 0.3019



18.1041, 0.3233, 0.3198



11.6085, 0.5429, 0.2764



1.1509, 0.5124, 0.2596

Previews

White Background



This preview shows how the Yxy color 24.1411, 0.5022, 0.2662 looks on a white background.

Color Contrast Check

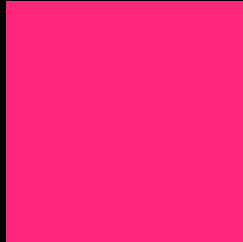
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1411, 0.5022, 0.2662 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 24.1411, 0.5022, 0.2662

Background



This preview shows how black text looks on a background with the Yxy color 24.1411, 0.5022, 0.2662.



This preview shows how white text looks on a background with the Yxy color 24.1411, 0.5022, 0.2662.

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

24.1411, 0.5022, 0.2662

Protanopia

24.4644, 0.2686, 0.2674

Deuteranopia

24.2254, 0.3634, 0.3568



Tritanopia

24.1496, 0.5796, 0.3292

Trichromacy



Original Color

24.1411, 0.5022, 0.2662



Protanomaly

20.1410, 0.3412, 0.2496



Deuteranomaly

21.0402, 0.4198, 0.3022



Tritanomaly

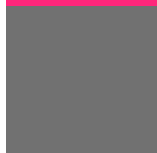
23.9632, 0.5566, 0.3081

Monochromacy



Original Color

24.1411, 0.5022, 0.2662



Achromatopsia

16.5132, 0.3127, 0.3290



Achromatomaly

15.9393, 0.3887, 0.2809

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.1411, 0.5022, 0.2662 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, 39, 123)` looks like.

```
.text, #text, p{  
    color:rgb(255, 39, 123)  
}
```

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, 39, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 39, 123) }
```

Border

The CSS property to change the border of an element to Yxy 24.1411, 0.5022, 0.2662 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, 39, 123) }
```

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

```
.border{ border-color:rgb(255, 39, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 39, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 39, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 39, 123);  
box-shadow:4px 4px 4px 4px rgb(255, 39,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 24.1411, 0.5022, 0.2662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 39, 123) }
```

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

```
.background{ background-color: rgb(255, 39,  
123) }
```

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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