

Converting Colors

Yxy(35.1948, 0.5425, 0.2883)

Have a look what the booklet for
Yxy(35.1948, 0.5425, 0.2883)
contains.

Yxy(24.5459, 0.5067, 0.2731)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.5459, 0.5067, 0.2731)

Conversions

Conversions Part 1

Format	Color
Hex	FF2E77
RGB	255, 46, 119
RGB Percent	100%, 18%, 47%
CMY	0.0001, 0.8193, 0.5333
CMYK	0.00, 0.82, 0.53, 0.00
HSL	339°, 100%, 59%
HSV	339°, 82%, 100%
XYZ	45.5416, 24.5459, 19.7913
YIQ	116.8130, 101.1310, 67.0110

Conversions

Conversions Part 2

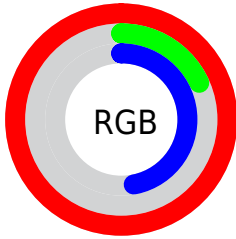
Format	Color
R_{YB}	255, 46, 119
Decimal	16723575
CIE _{Lab}	56.63, 78.19, 11.93
CIE _{LCh}	57, 79.099, 8.676
Yxy	24.5459, 0.5067, 0.2731
Android (android.graphics.Color)	4294913655 (0xFFFF2E77)
YUV	116.8130, 1.0782, 121.1900
Hunter-Lab	49.5438, 77.3788, 10.9960

Details

The Yxy color **24.5459, 0.5067, 0.2731** 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 **75.4688, 0.2557, 0.4258**, and the grayscale version is **17.7118, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.4617, 0.4088, 0.2724**, and **11.5313, 0.5498, 0.2802** is the 20% darker color. If you saturate the color by 10%, you get **22.7442, 0.5394, 0.2794**, and if you desaturate by 10%, it is **27.6010, 0.4724, 0.2720**.

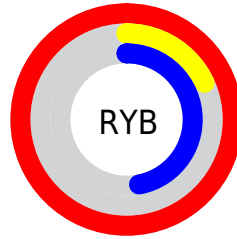
Distribution



Red (100%)

Green (18%)

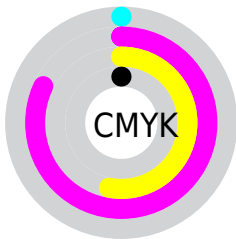
Blue (47%)



Red (100%)

Yellow (18%)

Blue (47%)

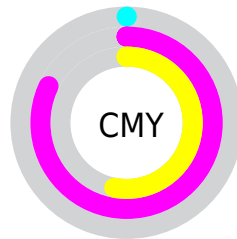


Cyan (0%)

Magenta (82%)

Yellow (53%)

Black (0%)



Cyan (0%)


Magenta (82%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.5459, 0.5067, 0.2731 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 24.5459, 0.5067, 0.2731 by changing the saturation by 10% instead.


 24.5459, 0.5067,
0.2731


 24.5459, 0.5067,
0.2731


275.5689, 0.4003,
0.3067


 15.7391, 0.5358,
0.2628


 50.9196, 0.4660,
0.2867


 9.3397, 0.5743,
0.2485


 69.2552, 0.4513,
0.2914


 4.9634, 0.6267,
0.2276

 91.5359, 0.4391,
0.2952

 2.2258, 0.7003,
0.1956

 118.1460, 0.4289,
0.2983

 0.7340, 0.8490,
0.1510

 149.4700, 0.4201,
0.3009

 0.0000, 1.0000,
0.0000

185.8922, 0.4126,

 0.0000, 0.0000,

0.3031

0.0000

227.7970, 0.4060,
0.3050

■ 24.5459, 0.5067,
0.2731

■ 24.5459, 0.5067,
0.2731

■ 22.7442, 0.5394,
0.2794

■ 27.6010, 0.4724,
0.2720


■ 21.9778, 0.5630,
0.2875

■ 32.0905, 0.4392,
0.2753


■ 38.1699, 0.4090,
0.2818

■ 45.9734, 0.3828,
0.2902

■ 55.6205, 0.3606,
0.2996

 67.2202, 0.3422,
0.3092

 80.8730, 0.3271,
0.3185

 96.6722, 0.3148,
0.3274

99.9962, 0.3127,
0.3290

Harmonies

Analogous

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



24.5459, 0.3720, 0.2076



24.5459, 0.5067, 0.2731



24.5459, 0.5678, 0.3481

Triad

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



24.5459, 0.5067, 0.2731



24.5459, 0.3320, 0.5850



24.5459, 0.1172, 0.1646

Complementary

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



24.5459, 0.5067, 0.2731



75.4688, 0.2557, 0.4258

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.



24.5459, 0.1106, 0.2249



24.5459, 0.5067, 0.2731



24.5459, 0.2210, 0.5201

Square

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



24.5459, 0.5067, 0.2731



24.5459, 0.4444, 0.5253



24.5459, 0.1417, 0.3531



24.5459, 0.1580, 0.1486

Rectangle

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



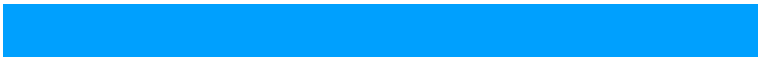
24.5459, 0.5067, 0.2731



24.5459, 0.5544, 0.4028



24.5459, 0.1417, 0.3531



24.5459, 0.1113, 0.1787

Sweetspot

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



24.5473, 0.5067, 0.2731



63.4606, 0.3475, 0.3063



19.1059, 0.2492, 0.1243



12.7083, 0.3539, 0.3029



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.



24.5473, 0.5067, 0.2731



22.1495, 0.5573, 0.2855



26.8183, 0.5793, 0.3499



18.0918, 0.3239, 0.3207



11.5113, 0.5587, 0.2851



1.1405, 0.5271, 0.2677

Inverse Universe

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



24.5473, 0.5067, 0.2731



22.1495, 0.5573, 0.2855



60.9206, 0.2172, 0.2893



18.0918, 0.3239, 0.3207



11.5113, 0.5587, 0.2851



1.1405, 0.5271, 0.2677

Previews

White Background



This preview shows how the Yxy color 24.5459, 0.5067, 0.2731 looks on a white background.

Color Contrast Check

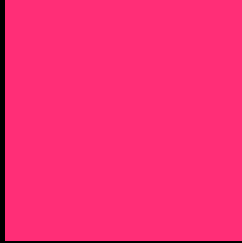
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.5459, 0.5067, 0.2731 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 24.5459, 0.5067, 0.2731

Background



This preview shows how black text looks on a background with the Yxy color 24.5459, 0.5067, 0.2731.



This preview shows how white text looks on a background with the Yxy color 24.5459, 0.5067, 0.2731.

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

24.5459, 0.5067, 0.2731

Protanopia

24.7541, 0.2794, 0.2815

Deuteranopia

24.7077, 0.3713, 0.3645



Tritanopia

24.5109, 0.5734, 0.3284

Trichromacy



Original Color

24.5459, 0.5067, 0.2731



Protanomaly

20.9526, 0.3510, 0.2638



Deuteranomaly

21.7759, 0.4266, 0.3119



Tritanomaly

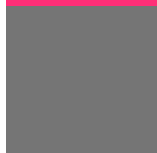
24.3511, 0.5532, 0.3095

Monochromacy



Original Color

24.5459, 0.5067, 0.2731



Achromatopsia

17.7888, 0.3127, 0.3290



Achromatomaly

17.0057, 0.3879, 0.2874

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.5459, 0.5067, 0.2731 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, 46, 119)` looks like.

```
.text, #text, p{  
  color:rgb(255, 46, 119)  
}
```

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, 46, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 46, 119) }
```

Border

The CSS property to change the border of an element to Yxy 24.5459, 0.5067, 0.2731 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, 46, 119) }
```

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

```
.border{ border-color:rgb(255, 46, 119) }
```

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

Here you see how a box with a 4 pixel rgb(255, 46, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 46, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 46, 119);  
box-shadow:4px 4px 4px 4px rgb(255, 46,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 24.5459, 0.5067, 0.2731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 46, 119) }
```

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

```
.background{ background-color: rgb(255, 46,  
119) }
```

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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