

Converting Colors

$Yxy(24.9467, 0.5060, 0.2761)$

Have a look what the booklet for
Yxy(24.9467, 0.5060, 0.2761)
contains.

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Color

Yxy(24.9357, 0.5067, 0.2765)

Conversions

Conversions Part 1

Format	Color
Hex	FF3376
RGB	255, 51, 118
RGB Percent	100%, 20%, 46%
CMY	0.0000, 0.8000, 0.5372
CMYK	0.00, 0.80, 0.54, 0.00
HSL	340°, 100%, 60%
HSV	340°, 80%, 100%
XYZ	45.6959, 24.9357, 19.5518
YIQ	119.6340, 100.0770, 64.0850

Conversions

Conversions Part 2

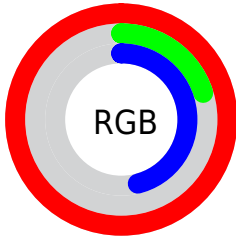
Format	Color
R_{YB}	255, 51, 118
Decimal	16724854
CIE _{Lab}	57.01, 76.99, 13.05
CIE _{LCh}	57, 78.085, 9.621
Yxy	24.9357, 0.5067, 0.2765
Android (android.graphics.Color)	4294914934 (0xFFFF3376)
YUV	119.6340, -0.8056, 118.7160
Hunter-Lab	49.9357, 75.9572, 11.7406

Details

The Yxy color **24.9357, 0.5067, 0.2765** 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 **75.8539, 0.2541, 0.4172**, and the grayscale version is **18.6396, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.1191, 0.4091, 0.2762**, and **11.5186, 0.5519, 0.2814** is the 20% darker color. If you saturate the color by 10%, you get **22.9147, 0.5408, 0.2820**, and if you desaturate by 10%, it is **28.2521, 0.4712, 0.2759**.

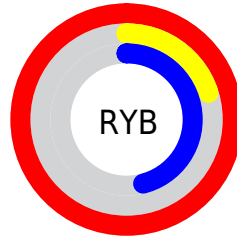
Distribution



Red (100%)

Green (20%)

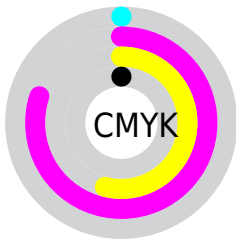
Blue (46%)



Red (100%)

Yellow (20%)

Blue (46%)

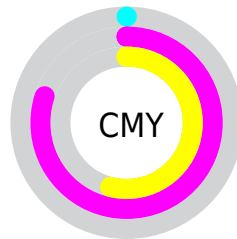


Cyan (0%)

Magenta (80%)

Yellow (54%)

Black (0%)



Cyan (0%)


Magenta (80%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.9357, 0.5067, 0.2765 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 24.9357, 0.5067, 0.2765 by changing the saturation by 10% instead.


 24.9357, 0.5067,
0.2765


 24.9357, 0.5067,
0.2765


277.5176, 0.4004,
0.3084


 16.0292, 0.5357,
0.2666


 51.5529, 0.4661,
0.2895

 9.5448, 0.5740,
0.2527


 70.0323, 0.4514,
0.2940


 5.0982, 0.6261,
0.2324

 92.4715, 0.4393,
0.2976

 2.3050, 0.6989,
0.2009

 119.2549, 0.4290,
0.3005

 0.7764, 0.8427,
0.1573

 150.7667, 0.4203,
0.3030

 0.0000, 1.0000,
0.0000

187.3916, 0.4127,

 0.0000, 0.0000,

0.3051

0.0000

229.5137, 0.4062,
0.3069

■ 24.9357, 0.5067,
0.2765

■ 24.9357, 0.5067,
0.2765

■ 22.9147, 0.5408,
0.2820

■ 28.2521, 0.4712,
0.2759

■ 21.8968, 0.5708,
0.2918

■ 33.0394, 0.4373,
0.2795

■ 21.8966, 0.5708,
0.2918

■ 39.4487, 0.4067,
0.2860

■ 47.6110, 0.3803,
0.2942

■ 57.6441, 0.3581,
0.3031

 69.6554, 0.3399,
0.3121

 83.7442, 0.3249,
0.3208

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.



24.9357, 0.3757, 0.2111



24.9357, 0.5067, 0.2765



24.9357, 0.5642, 0.3513

Triad

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



24.9357, 0.5067, 0.2765



24.9357, 0.3292, 0.5807



24.9357, 0.1202, 0.1658

Complementary

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



24.9357, 0.5067, 0.2765



75.8539, 0.2541, 0.4172

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.



24.9357, 0.1127, 0.2241



24.9357, 0.5067, 0.2765



24.9357, 0.2198, 0.5117

Square

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



24.9357, 0.5067, 0.2765



24.9357, 0.4404, 0.5261



24.9357, 0.1426, 0.3480



24.9357, 0.1619, 0.1508

Rectangle

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



24.9357, 0.5067, 0.2765



24.9357, 0.5498, 0.4058



24.9357, 0.1426, 0.3480



24.9357, 0.1140, 0.1794

Sweetspot

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



24.9366, 0.5067, 0.2765



64.6049, 0.3467, 0.3085



20.1530, 0.2542, 0.1290



12.9244, 0.3533, 0.3053



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.



24.9366, 0.5067, 0.2765



22.2303, 0.5593, 0.2877



27.9966, 0.5690, 0.3533



18.0855, 0.3242, 0.3212



11.4658, 0.5665, 0.2894



1.1356, 0.5346, 0.2719

Inverse Universe

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



24.9366, 0.5067, 0.2765



22.2303, 0.5593, 0.2877



59.6372, 0.2170, 0.2858



18.0855, 0.3242, 0.3212



11.4658, 0.5665, 0.2894



1.1356, 0.5346, 0.2719

Previews

White Background



This preview shows how the Yxy color 24.9357, 0.5067, 0.2765 looks on a white background.

Color Contrast Check

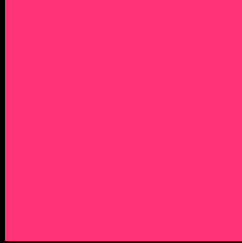
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9357, 0.5067, 0.2765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

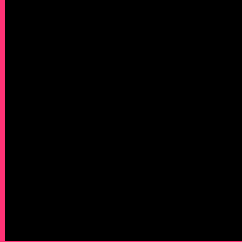
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.9357, 0.5067, 0.2765

Background



This preview shows how black text looks on a background with the Yxy color 24.9357, 0.5067, 0.2765.



This preview shows how white text looks on a background with the Yxy color 24.9357, 0.5067, 0.2765.

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

24.9357, 0.5067, 0.2765

Protanopia

25.0871, 0.2842, 0.2880

Deuteranopia

25.0588, 0.3733, 0.3674



Tritanopia

25.0685, 0.5687, 0.3284

Trichromacy



Original Color

24.9357, 0.5067, 0.2765



Protanomaly

21.4946, 0.3571, 0.2713



Deuteranomaly

22.4724, 0.4275, 0.3173



Tritanomaly

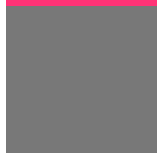
24.9744, 0.5491, 0.3105

Monochromacy



Original Color

24.9357, 0.5067, 0.2765



Achromatopsia

18.7821, 0.3127, 0.3290



Achromatomaly

17.9513, 0.3874, 0.2924

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9357, 0.5067, 0.2765 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, 51, 118)` looks like.

```
.text, #text, p{  
    color:rgb(255, 51, 118)  
}
```

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, 51, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 51, 118) }
```

Border

The CSS property to change the border of an element to Yxy 24.9357, 0.5067, 0.2765 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, 51, 118) }
```

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

```
.border{ border-color:rgb(255, 51, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 51, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 51, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 51, 118);  
box-shadow:4px 4px 4px 4px rgb(255, 51,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9357, 0.5067, 0.2765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 51, 118) }
```

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

```
.background{ background-color: rgb(255, 51,  
118) }
```

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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