

Converting Colors

$Yxy(24.5184, 0.5365, 0.2946)$

Have a look what the booklet for
Yxy(24.5184, 0.5365, 0.2946)
contains.

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Color

Yxy(24.5095, 0.5372, 0.2950)

Conversions

Conversions Part 1

Format	Color
Hex	FF3362
RGB	255, 51, 98
RGB Percent	100%, 20%, 38%
CMY	0.0000, 0.8000, 0.6156
CMYK	0.00, 0.80, 0.62, 0.00
HSL	346°, 100%, 60%
HSV	346°, 80%, 100%
XYZ	44.6322, 24.5095, 13.9413
YIQ	117.3540, 106.4970, 57.8650

Conversions

Conversions Part 2

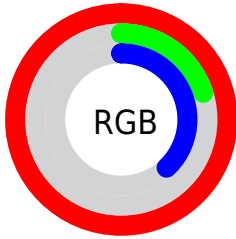
Format	Color
R_{YB}	255, 51, 98
Decimal	16724834
CIE Lab	56.59, 75.73, 24.36
CIE LCh	57, 79.548, 17.831
Yxy	24.5095, 0.5372, 0.2950
Android (android.graphics.Color)	4294914914 (0xFFFF3362)
YUV	117.3540, -9.5415, 120.7155
Hunter-Lab	49.5071, 74.2861, 17.9587

Details

The Yxy color **24.5095, 0.5372, 0.2950** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **76.7756, 0.2460, 0.3893**, and the grayscale version is **17.9090, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.1207, 0.4366, 0.2979**, and **11.3243, 0.5864, 0.3004** is the 20% darker color. If you saturate the color by 10%, you get **22.5324, 0.5740, 0.3009**, and if you desaturate by 10%, it is **27.7965, 0.4968, 0.2932**.

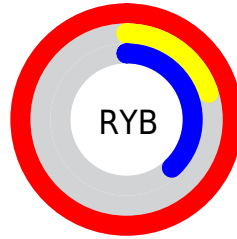
Distribution



Red (100%)

Green (20%)

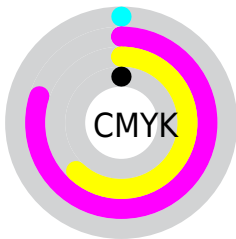
Blue (38%)



Red (100%)

Yellow (20%)

Blue (38%)

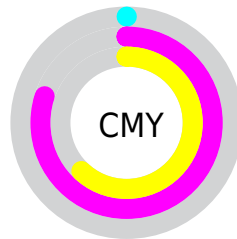


Cyan (0%)

Magenta (80%)

Yellow (62%)

Black (0%)



Cyan (0%)


Magenta (80%)

Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.5095, 0.5372, 0.2950 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 24.5095, 0.5372, 0.2950 by changing the saturation by 10% instead.


 24.5095, 0.5372,
0.2950


 24.5095, 0.5372,
0.2950


275.3863, 0.4142,
0.3203


 15.7120, 0.5701,
0.2856


 50.8604, 0.4905,
0.3064

 9.3206, 0.6128,
0.2716


 69.1825, 0.4735,
0.3101


 4.9509, 0.6690,
0.2498

 91.4483, 0.4594,
0.3128

 2.2185, 0.7534,
0.2175

 118.0422, 0.4474,
0.3150

 0.7300, 0.8438,
0.1562

 149.3486, 0.4373,
0.3167

 0.0000, 1.0000,
0.0000

185.7518, 0.4285,

 0.0000, 0.0000,

0.3182

0.0000

227.6362, 0.4209,
0.3193

■ 24.5095, 0.5372,
0.2950

■ 24.5095, 0.5372,
0.2950

■ 22.5324, 0.5740,
0.3009

■ 27.7965, 0.4968,
0.2932

■ 21.5737, 0.6033,
0.3097

■ 32.5749, 0.4573,
0.2948

■ 38.9964, 0.4214,
0.2989

■ 47.1943, 0.3905,
0.3045

■ 57.2879, 0.3647,
0.3108

69.3864, 0.3437,
0.3171

83.5903, 0.3265,
0.3232

99.9936, 0.3127,
0.3290

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.



24.5095, 0.4169, 0.2254



24.5095, 0.5372, 0.2950



24.5095, 0.5677, 0.3723

Triad

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



24.5095, 0.5372, 0.2950



24.5095, 0.2966, 0.5837



24.5095, 0.1250, 0.1551

Complementary

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



24.5095, 0.5372, 0.2950



76.7756, 0.2460, 0.3893

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.



24.5095, 0.1083, 0.1997



24.5095, 0.5372, 0.2950



24.5095, 0.1911, 0.4738

Square

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



24.5095, 0.5372, 0.2950



24.5095, 0.4112, 0.5517



24.5095, 0.1266, 0.3058



24.5095, 0.1778, 0.1494

Rectangle

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



24.5095, 0.5372, 0.2950



24.5095, 0.5377, 0.4298



24.5095, 0.1266, 0.3058



24.5095, 0.1158, 0.1648

Sweetspot

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



24.5093, 0.5372, 0.2950



64.3043, 0.3516, 0.3146



22.9096, 0.2738, 0.1391



12.8536, 0.3592, 0.3123



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.



24.5093, 0.5372, 0.2950



21.8824, 0.5925, 0.3061



31.6824, 0.5496, 0.3711



18.0557, 0.3258, 0.3235



11.2914, 0.5995, 0.3076



1.1153, 0.5685, 0.2905

Inverse Universe

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



24.5093, 0.5372, 0.2950



21.8824, 0.5925, 0.3061



49.5094, 0.2097, 0.2582



18.0557, 0.3258, 0.3235



11.2914, 0.5995, 0.3076



1.1153, 0.5685, 0.2905

Previews

White Background



This preview shows how the Yxy color 24.5095, 0.5372, 0.2950 looks on a white background.

Color Contrast Check

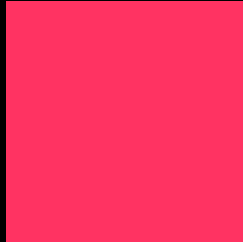
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.5095, 0.5372, 0.2950 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 24.5095, 0.5372, 0.2950

Background



This preview shows how black text looks on a background with the Yxy color 24.5095, 0.5372, 0.2950.



This preview shows how white text looks on a background with the Yxy color 24.5095, 0.5372, 0.2950.

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

24.5095, 0.5372, 0.2950

Protanopia

24.5662, 0.3172, 0.3290

Deuteranopia

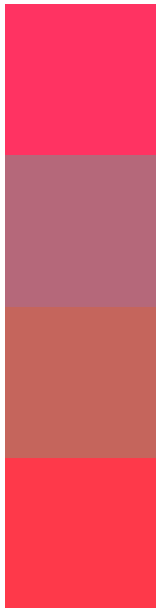
24.5624, 0.4023, 0.3945



Tritanopia

24.6395, 0.5788, 0.3292

Trichromacy



Original Color

24.5095, 0.5372, 0.2950

Protanomaly

21.1295, 0.3949, 0.3032

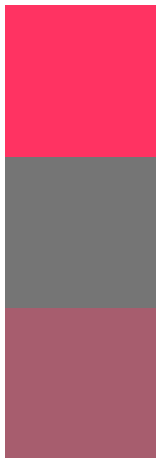
Deuteranomaly

21.9504, 0.4601, 0.3410

Tritanomaly

24.4915, 0.5661, 0.3182

Monochromacy



Original Color

24.5095, 0.5372, 0.2950

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

17.1700, 0.3997, 0.3028

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.5095, 0.5372, 0.2950 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, 98)` looks like.

```
.text, #text, p{  
    color:rgb(255, 51, 98)  
}
```

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, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 51, 98) }
```

Border

The CSS property to change the border of an element to Yxy 24.5095, 0.5372, 0.2950 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, 98) }
```

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

```
.border{ border-color:rgb(255, 51, 98) }
```

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, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 51, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 51, 98);  
box-shadow:4px 4px 4px 4px rgb(255, 51,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 24.5095, 0.5372, 0.2950 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, 98) }
```

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

```
.background{ background-color: rgb(255, 51,  
98) }
```

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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