

Converting Colors

$Y_{xy}(24.6279, 0.5282, 0.2896)$

Have a look what the booklet for
Yxy(24.6279, 0.5282, 0.2896)
contains.

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Color

Yxy(24.6271, 0.5283, 0.2896)

Conversions

Conversions Part 1

Format	Color
Hex	FF3368
RGB	255, 51, 104
RGB Percent	100%, 20%, 41%
CMY	0.0000, 0.8000, 0.5921
CMYK	0.00, 0.80, 0.59, 0.00
HSL	344°, 100%, 60%
HSV	344°, 80%, 100%
XYZ	44.9257, 24.6271, 15.4855
YIQ	118.0380, 104.5710, 59.7310

Conversions

Conversions Part 2

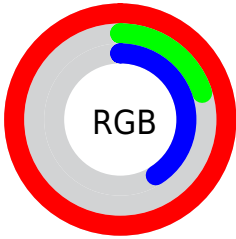
Format	Color
R_{YB}	255, 51, 104
Decimal	16724840
CIE _{Lab}	56.71, 76.08, 20.97
CIE _{LCh}	57, 78.913, 15.408
Yxy	24.6271, 0.5283, 0.2896
Android (android.graphics.Color)	4294914920 (0xFFFF3368)
YUV	118.0380, -6.9207, 120.1157
Hunter-Lab	49.6257, 74.7497, 16.2368

Details

The Yxy color **24.6271, 0.5283, 0.2896** 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 **76.4870, 0.2484, 0.3976**, and the grayscale version is **18.1254, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.5834, 0.4275, 0.2916**, and **11.3819, 0.5755, 0.2944** is the 20% darker color. If you saturate the color by 10%, you get **22.6346, 0.5646, 0.2955**, and if you desaturate by 10%, it is **27.9242, 0.4892, 0.2881**.

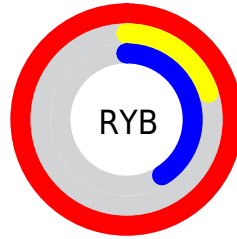
Distribution



Red (100%)

Green (20%)

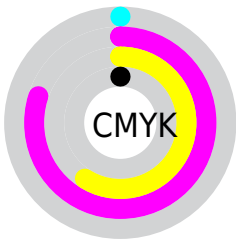
Blue (41%)



Red (100%)

Yellow (20%)

Blue (41%)

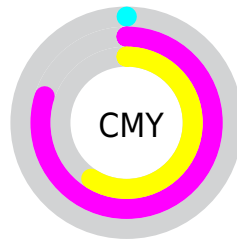


Cyan (0%)

Magenta (80%)

Yellow (59%)

Black (0%)



Cyan (0%)


Magenta (80%)

Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.6271, 0.5283, 0.2896 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 24.6271, 0.5283, 0.2896 by changing the saturation by 10% instead.


 24.6271, 0.5283,
0.2896

 24.6271, 0.5283,
0.2896


275.9757, 0.4100,
0.3168


 15.7995, 0.5602,
0.2801


 51.0516, 0.4833,
0.3014

 9.3824, 0.6018,
0.2662


 69.4173, 0.4669,
0.3053


 4.9914, 0.6573,
0.2450

 91.7311, 0.4534,
0.3083

 2.2422, 0.7359,
0.2122

 118.3774, 0.4419,
0.3107

 0.7429, 0.8435,
0.1565

 149.7406, 0.4322,
0.3126

 0.0000, 1.0000,
0.0000

186.2052, 0.4238,

 0.0000, 0.0000,

0.3143

0.0000

228.1554, 0.4165,
0.3156

■ 24.6271, 0.5283,
0.2896

■ 24.6271, 0.5283,
0.2896

■ 22.6346, 0.5646,
0.2955

■ 27.9242, 0.4892,
0.2881

■ 21.6566, 0.5945,
0.3049

■ 32.7071, 0.4513,
0.2902

■ 39.1266, 0.4170,
0.2951

■ 47.3152, 0.3874,
0.3014

■ 57.3919, 0.3628,
0.3085

 69.4651, 0.3425,
0.3156

 83.6350, 0.3261,
0.3225

99.9951, 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.



24.6271, 0.4043, 0.2212



24.6271, 0.5283, 0.2896



24.6271, 0.5670, 0.3661

Triad

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



24.6271, 0.5283, 0.2896



24.6271, 0.3064, 0.5832



24.6271, 0.1236, 0.1583

Complementary

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



24.6271, 0.5283, 0.2896



76.4870, 0.2484, 0.3976

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.



24.6271, 0.1096, 0.2067



24.6271, 0.5283, 0.2896



24.6271, 0.1996, 0.4855

Square

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



24.6271, 0.5283, 0.2896



24.6271, 0.4200, 0.5440



24.6271, 0.1313, 0.3180



24.6271, 0.1730, 0.1499

Rectangle

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



24.6271, 0.5283, 0.2896



24.6271, 0.5415, 0.4225



24.6271, 0.1313, 0.3180



24.6271, 0.1153, 0.1691

Sweetspot

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



24.6268, 0.5283, 0.2896



64.3931, 0.3501, 0.3128



21.9489, 0.2672, 0.1357



12.8744, 0.3574, 0.3102



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.



24.6268, 0.5283, 0.2896



21.9734, 0.5833, 0.3010



30.3460, 0.5563, 0.3649



18.0646, 0.3253, 0.3228



11.3365, 0.5904, 0.3026



1.1208, 0.5588, 0.2852

Inverse Universe

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



24.6268, 0.5283, 0.2896



21.9734, 0.5833, 0.3010



52.7425, 0.2121, 0.2675



18.0646, 0.3253, 0.3228



11.3365, 0.5904, 0.3026



1.1208, 0.5588, 0.2852

Previews

White Background



This preview shows how the Yxy color 24.6271, 0.5283, 0.2896 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 24.6271, 0.5283, 0.2896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

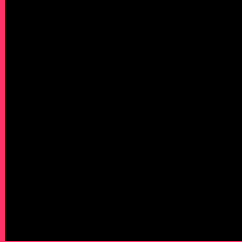
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.6271, 0.5283, 0.2896

Background



This preview shows how black text looks on a background with the Yxy color 24.6271, 0.5283, 0.2896.



This preview shows how white text looks on a background with the Yxy color 24.6271, 0.5283, 0.2896.

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

24.6271, 0.5283, 0.2896

Protanopia

24.9099, 0.3067, 0.3173

Deuteranopia

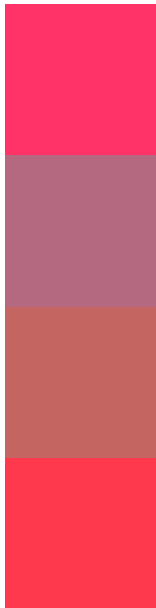
24.5599, 0.3943, 0.3857



Tritanopia

24.5790, 0.5756, 0.3285

Trichromacy



Original Color

24.6271, 0.5283, 0.2896

Protanomaly

21.3914, 0.3831, 0.2944

Deuteranomaly

21.9250, 0.4504, 0.3333

Tritanomaly

24.5471, 0.5611, 0.3151

Monochromacy



Original Color

24.6271, 0.5283, 0.2896

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.5225, 0.3958, 0.2998

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.6271, 0.5283, 0.2896 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, 104)` looks like.

```
.text, #text, p{  
    color:rgb(255, 51, 104)  
}
```

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, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 51, 104) }
```

Border

The CSS property to change the border of an element to Yxy 24.6271, 0.5283, 0.2896 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, 104) }
```

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

```
.border{ border-color:rgb(255, 51, 104) }
```

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, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 51, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 51, 104);  
box-shadow:4px 4px 4px 4px rgb(255, 51,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 24.6271, 0.5283, 0.2896 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, 104) }
```

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

```
.background{ background-color: rgb(255, 51,  
104) }
```

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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