

Converting Colors

$Yxy(24.7431, 0.5199, 0.2845)$

Have a look what the booklet for
Yxy(24.7431, 0.5199, 0.2845)
contains.

Yxy(24.7534, 0.5192, 0.2841)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.7534, 0.5192, 0.2841)

Conversions

Conversions Part 1

Format	Color
Hex	FF336E
RGB	255, 51, 110
RGB Percent	100%, 20%, 43%
CMY	0.0000, 0.7999, 0.5687
CMYK	0.00, 0.80, 0.57, 0.00
HSL	343°, 100%, 60%
HSV	343°, 80%, 100%
XYZ	45.2375, 24.7534, 17.1383
YIQ	118.7220, 102.6450, 61.5970

Conversions

Conversions Part 2

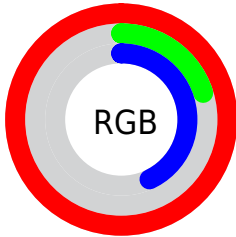
Format	Color
RYB	255, 51, 110
Decimal	16724846
CIELab	56.83, 76.44, 17.59
CIElCh	57, 78.439, 12.959
Yxy	24.7534, 0.5192, 0.2841
Android (android.graphics.Color)	4294914926 (0xFFFF336E)
YUV	118.7220, -4.2999, 119.5158
Hunter-Lab	49.7528, 75.2328, 14.4034

Details

The Yxy color **24.7534, 0.5192, 0.2841** 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 **76.2120, 0.2508, 0.4058**, and the grayscale version is **18.3478, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.7901, 0.4201, 0.2854**, and **11.4352, 0.5660, 0.2891** is the 20% darker color. If you saturate the color by 10%, you get **22.7478, 0.5547, 0.2899**, and if you desaturate by 10%, it is **28.0623, 0.4816, 0.2829**.

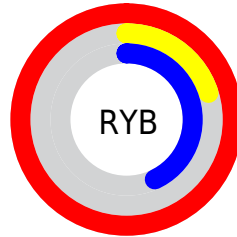
Distribution



Red (100%)

Green (20%)

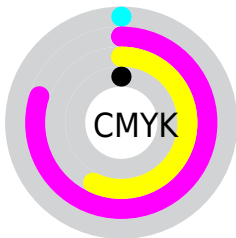
Blue (43%)



Red (100%)

Yellow (20%)

Blue (43%)

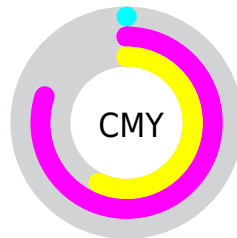


Cyan (0%)

Magenta (80%)

Yellow (57%)

Black (0%)



Cyan (0%)

Magenta (80%)

Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.7534, 0.5192, 0.2841 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 24.7534, 0.5192, 0.2841 by changing the saturation by 10% instead.


 24.7534, 0.5192,
0.2841


 24.7534, 0.5192,
0.2841


276.6076, 0.4059,
0.3132


 15.8934, 0.5499,
0.2744


 51.2569, 0.4760,
0.2964


 9.4488, 0.5903,
0.2606


 69.6692, 0.4603,
0.3005


 5.0350, 0.6446,
0.2399

 92.0344, 0.4474,
0.3038

 2.2678, 0.7197,
0.2073

 118.7369, 0.4364,
0.3064

 0.7566, 0.8431,
0.1569

 150.1610, 0.4271,
0.3086

 0.0000, 1.0000,
0.0000

186.6913, 0.4191,

 0.0000, 0.0000,

0.3104

0.0000

228.7120, 0.4121,
0.3119

■ 24.7534, 0.5192,
0.2841

■ 24.7534, 0.5192,
0.2841

■ 22.7478, 0.5547,
0.2899

■ 28.0623, 0.4816,
0.2829

■ 21.7510, 0.5849,
0.2996

■ 32.8496, 0.4453,
0.2857

■ 21.7504, 0.5849,
0.2996

■ 39.2673, 0.4126,
0.2912

■ 47.4474, 0.3844,
0.2983

■ 57.5081, 0.3608,
0.3062

■ 69.5575, 0.3414,
0.3141

■ 83.6953, 0.3255,
0.3218

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.



24.7534, 0.3920, 0.2169



24.7534, 0.5192, 0.2841



24.7534, 0.5660, 0.3598

Triad

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



24.7534, 0.5192, 0.2841



24.7534, 0.3162, 0.5824



24.7534, 0.1222, 0.1615

Complementary

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



24.7534, 0.5192, 0.2841



76.2120, 0.2508, 0.4058

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.



24.7534, 0.1110, 0.2140



24.7534, 0.5192, 0.2841



24.7534, 0.2082, 0.4968

Square

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



24.7534, 0.5192, 0.2841



24.7534, 0.4287, 0.5363



24.7534, 0.1360, 0.3306



24.7534, 0.1683, 0.1503

Rectangle

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



24.7534, 0.5192, 0.2841



24.7534, 0.5452, 0.4153



24.7534, 0.1360, 0.3306



24.7534, 0.1148, 0.1734

Sweetspot

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



24.7548, 0.5192, 0.2841



64.4823, 0.3487, 0.3109



21.0332, 0.2607, 0.1323



12.8955, 0.3557, 0.3081



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.



24.7548, 0.5192, 0.2841



22.0748, 0.5735, 0.2956



29.1218, 0.5627, 0.3590



18.0734, 0.3249, 0.3222



11.3873, 0.5807, 0.2973



1.1267, 0.5487, 0.2796

Inverse Universe

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



24.7548, 0.5192, 0.2841



22.0748, 0.5735, 0.2956



56.1210, 0.2146, 0.2768



18.0734, 0.3249, 0.3222



11.3873, 0.5807, 0.2973



1.1267, 0.5487, 0.2796

Previews

White Background



This preview shows how the Yxy color 24.7534, 0.5192, 0.2841 looks on a white background.

Color Contrast Check

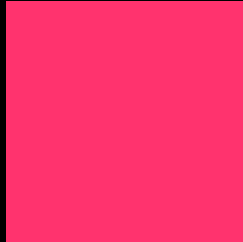
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.7534, 0.5192, 0.2841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

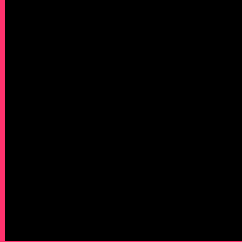
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.7534, 0.5192, 0.2841

Background



This preview shows how black text looks on a background with the Yxy color 24.7534, 0.5192, 0.2841.



This preview shows how white text looks on a background with the Yxy color 24.7534, 0.5192, 0.2841.

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

24.7534, 0.5192, 0.2841

Protanopia

24.9936, 0.2966, 0.3041

Deuteranopia

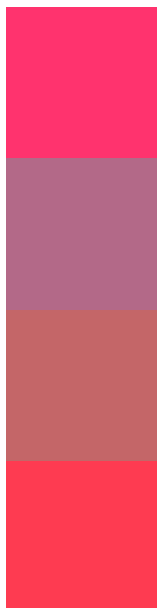
24.8341, 0.3855, 0.3782



Tritanopia

24.8078, 0.5732, 0.3291

Trichromacy



Original Color

24.7534, 0.5192, 0.2841

Protanomaly

21.4644, 0.3720, 0.2843

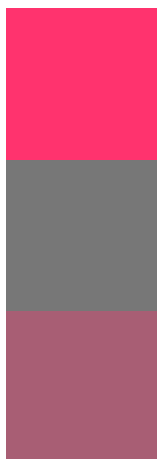
Deuteranomaly

22.2380, 0.4410, 0.3267

Tritanomaly

24.7928, 0.5562, 0.3140

Monochromacy



Original Color

24.7534, 0.5192, 0.2841

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

17.5912, 0.3911, 0.2952

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.7534, 0.5192, 0.2841 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, 110)` looks like.

```
.text, #text, p{  
    color:rgb(255, 51, 110)  
}
```

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, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 51, 110) }
```

Border

The CSS property to change the border of an element to Yxy 24.7534, 0.5192, 0.2841 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, 110) }
```

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

```
.border{ border-color:rgb(255, 51, 110) }
```

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, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 51, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 51, 110);  
box-shadow:4px 4px 4px 4px rgb(255, 51,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 24.7534, 0.5192, 0.2841 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, 110) }
```

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

```
.background{ background-color: rgb(255, 51,  
110) }
```

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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