

Converting Colors

Yxy(24.5840, 0.5313, 0.2914)

Have a look what the booklet for
Yxy(24.5840, 0.5313, 0.2914)
contains.

Yxy(24.5870, 0.5313, 0.2914)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(24.5870, 0.5313, 0.2914)

Conversions

Conversions Part 1

Format	Color
Hex	FF3366
RGB	255, 51, 102
RGB Percent	100%, 20%, 40%
CMY	0.0000, 0.8001, 0.5999
CMYK	0.00, 0.80, 0.60, 0.00
HSL	345°, 100%, 60%
HSV	345°, 80%, 100%
XYZ	44.8287, 24.5870, 14.9598
YIQ	117.8100, 105.2130, 59.1090

Conversions

Conversions Part 2

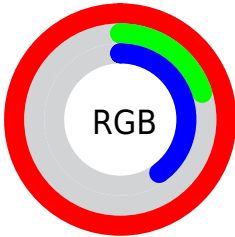
Format	Color
R_{YB}	255, 51, 102
Decimal	16724838
CIE _{Lab}	56.67, 75.97, 22.09
CIE _{LCh}	57, 79.114, 16.216
Yxy	24.5870, 0.5313, 0.2914
Android (android.graphics.Color)	4294914918 (0xFFFF3366)
YUV	117.8100, -7.7943, 120.3156
Hunter-Lab	49.5853, 74.6026, 16.8220

Details

The Yxy color **24.5870, 0.5313, 0.2914** 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 **76.5799, 0.2476, 0.3949**, and the grayscale version is **18.0487, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.5168, 0.4300, 0.2937**, and **11.3619, 0.5792, 0.2965** is the 20% darker color. If you saturate the color by 10%, you get **22.5985, 0.5678, 0.2973**, and if you desaturate by 10%, it is **27.8777, 0.4918, 0.2897**.

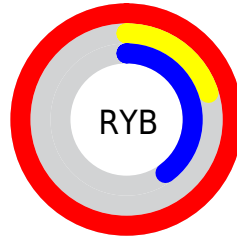
Distribution



Red (100%)

Green (20%)

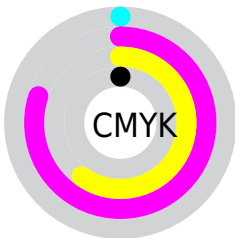
Blue (40%)



Red (100%)

Yellow (20%)

Blue (40%)

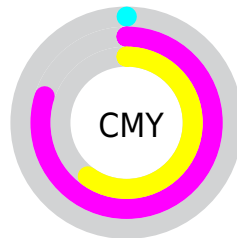


Cyan (0%)

Magenta (80%)

Yellow (60%)

Black (0%)



Cyan (0%)


Magenta (80%)

Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.5870, 0.5313, 0.2914 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 24.5870, 0.5313, 0.2914 by changing the saturation by 10% instead.


 24.5870, 0.5313,
0.2914


 24.5870, 0.5313,
0.2914


275.7749, 0.4114,
0.3179

 15.7696, 0.5635,
0.2819


 50.9864, 0.4857,
0.3031

 9.3613, 0.6055,
0.2680


 69.3373, 0.4691,
0.3069


 4.9776, 0.6614,
0.2466


 91.6347, 0.4554,
0.3098

 2.2341, 0.7416,
0.2139

 118.2631, 0.4438,
0.3121

 0.7385, 0.8436,
0.1564

 149.6070, 0.4339,
0.3140

 0.0000, 1.0000,
0.0000

186.0506, 0.4254,

 0.0000, 0.0000,

0.3156

0.0000

227.9785, 0.4179,
0.3168

■ 24.5870, 0.5313,
0.2914

■ 24.5870, 0.5313,
0.2914

■ 22.5985, 0.5678,
0.2973

■ 27.8777, 0.4918,
0.2897

■ 21.6280, 0.5975,
0.3065

■ 32.6578, 0.4533,
0.2917

■ 39.0765, 0.4185,
0.2963

■ 47.2667, 0.3885,
0.3024

■ 57.3472, 0.3634,
0.3092

69.4269, 0.3429,
0.3161

83.6061, 0.3262,
0.3227

99.9784, 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.



24.5870, 0.4085, 0.2225



24.5870, 0.5313, 0.2914



24.5870, 0.5673, 0.3681

Triad

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



24.5870, 0.5313, 0.2914



24.5870, 0.3031, 0.5834



24.5870, 0.1240, 0.1572

Complementary

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



24.5870, 0.5313, 0.2914



76.5799, 0.2476, 0.3949

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.



24.5870, 0.1091, 0.2043



24.5870, 0.5313, 0.2914



24.5870, 0.1968, 0.4816

Square

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



24.5870, 0.5313, 0.2914



24.5870, 0.4171, 0.5466



24.5870, 0.1297, 0.3139



24.5870, 0.1746, 0.1497

Rectangle

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



24.5870, 0.5313, 0.2914



24.5870, 0.5403, 0.4249



24.5870, 0.1297, 0.3139



24.5870, 0.1154, 0.1676

Sweetspot

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



24.5847, 0.5313, 0.2914



64.3637, 0.3506, 0.3134



21.9459, 0.2672, 0.1357



12.8675, 0.3580, 0.3109



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.



24.5847, 0.5313, 0.2914



21.9423, 0.5864, 0.3027



30.3423, 0.5563, 0.3649



18.0616, 0.3255, 0.3231



11.3210, 0.5935, 0.3043



1.1189, 0.5620, 0.2870

Inverse Universe

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



24.5847, 0.5313, 0.2914



21.9423, 0.5864, 0.3027



52.7391, 0.2121, 0.2675



18.0616, 0.3255, 0.3231



11.3210, 0.5935, 0.3043



1.1189, 0.5620, 0.2870

Previews

White Background



This preview shows how the Yxy color 24.5870, 0.5313, 0.2914 looks on a white background.

Color Contrast Check

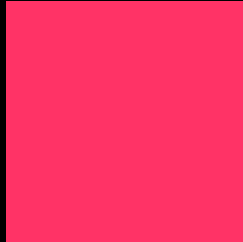
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.5870, 0.5313, 0.2914 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 24.5870, 0.5313, 0.2914

Background



This preview shows how black text looks on a background with the Yxy color 24.5870, 0.5313, 0.2914.



This preview shows how white text looks on a background with the Yxy color 24.5870, 0.5313, 0.2914.

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

24.5870, 0.5313, 0.2914

Protanopia

24.5398, 0.3098, 0.3206

Deuteranopia

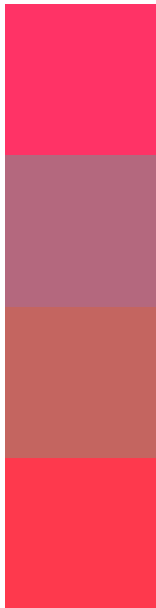
24.5245, 0.3966, 0.3888



Tritanopia

24.5679, 0.5767, 0.3291

Trichromacy



Original Color

24.5870, 0.5313, 0.2914

Protanomaly

21.1103, 0.3878, 0.2973

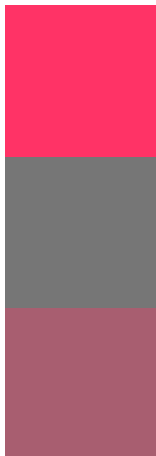
Deuteranomaly

21.8877, 0.4532, 0.3359

Tritanomaly

24.5329, 0.5624, 0.3159

Monochromacy



Original Color

24.5870, 0.5313, 0.2914

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.5001, 0.3974, 0.3014

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.5870, 0.5313, 0.2914 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, 102)` looks like.

```
.text, #text, p{  
    color:rgb(255, 51, 102)  
}
```

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, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 51, 102) }
```

Border

The CSS property to change the border of an element to Yxy 24.5870, 0.5313, 0.2914 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, 102) }
```

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

```
.border{ border-color:rgb(255, 51, 102) }
```

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, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 51, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 51, 102);  
box-shadow:4px 4px 4px 4px rgb(255, 51,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 24.5870, 0.5313, 0.2914 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, 102) }
```

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

```
.background{ background-color: rgb(255, 51,  
102) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor