

Converting Colors

Yxy(24.8386, 0.5119, 0.2795)

Have a look what the booklet for
Yxy(24.8386, 0.5119, 0.2795)
contains.

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Color

Yxy(24.8655, 0.5114, 0.2794)

Conversions

Conversions Part 1

Format	Color
Hex	FF3373
RGB	255, 51, 115
RGB Percent	100%, 20%, 45%
CMY	0.0001, 0.7998, 0.5490
CMYK	0.00, 0.80, 0.55, 0.00
HSL	341°, 100%, 60%
HSV	341°, 80%, 100%
XYZ	45.5126, 24.8655, 18.6180
YIQ	119.2920, 101.0400, 63.1520

Conversions

Conversions Part 2

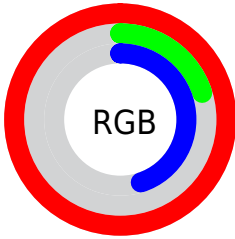
Format	Color
R_{YB}	255, 51, 115
Decimal	16724851
CIE _{Lab}	56.94, 76.76, 14.76
CIE _{LCh}	57, 78.163, 10.883
Yxy	24.8655, 0.5114, 0.2794
Android (android.graphics.Color)	4294914931 (0xFFFF3373)
YUV	119.2920, -2.1160, 119.0159
Hunter-Lab	49.8653, 75.6545, 12.7689

Details

The Yxy color **24.8655, 0.5114, 0.2794** 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 **75.9763, 0.2528, 0.4128**, and the grayscale version is **18.5376, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.0069, 0.4127, 0.2793**, and **11.4937, 0.5560, 0.2836** is the 20% darker color. If you saturate the color by 10%, you get **22.8480, 0.5461, 0.2851**, and if you desaturate by 10%, it is **28.1823, 0.4751, 0.2786**.

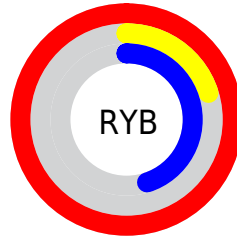
Distribution



Red (100%)

Green (20%)

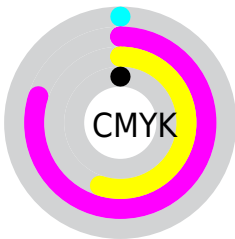
Blue (45%)



Red (100%)

Yellow (20%)

Blue (45%)

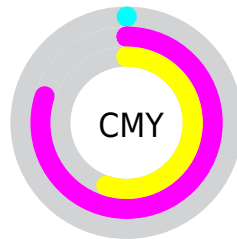


Cyan (0%)

Magenta (80%)

Yellow (55%)

Black (0%)



Cyan (0%)


Magenta (80%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.8655, 0.5114, 0.2794 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 24.8655, 0.5114, 0.2794 by changing the saturation by 10% instead.


 24.8655, 0.5114,
0.2794


 24.8655, 0.5114,
0.2794


277.1675, 0.4025,
0.3102


 15.9769, 0.5411,
0.2696


 51.4389, 0.4698,
0.2921


 9.5078, 0.5802,
0.2558


 69.8925, 0.4548,
0.2965

 5.0739, 0.6332,
0.2353

 92.3033, 0.4423,
0.2999

 2.2907, 0.7068,
0.2034

 119.0555, 0.4318,
0.3027

 0.7688, 0.8428,
0.1572

 150.5337, 0.4228,
0.3051

 0.0000, 1.0000,
0.0000

187.1221, 0.4151,

 0.0000, 0.0000,

0.3071

0.0000

229.2052, 0.4084,
0.3088

■ 24.8655, 0.5114,
0.2794

■ 24.8655, 0.5114,
0.2794

■ 22.8480, 0.5461,
0.2851

■ 28.1823, 0.4751,
0.2786

■ 21.8366, 0.5762,
0.2948

■ 32.9726, 0.4402,
0.2819

■ 21.8344, 0.5763,
0.2948

■ 39.3879, 0.4089,
0.2880

■ 47.5598, 0.3818,
0.2958

■ 57.6061, 0.3591,
0.3043

■ 69.6344, 0.3404,
0.3129

■ 83.7441, 0.3251,
0.3212

99.9962, 0.3127,
0.3290

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



24.8655, 0.3818, 0.2133



24.8655, 0.5114, 0.2794



24.8655, 0.5649, 0.3545

Triad

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



24.8655, 0.5114, 0.2794



24.8655, 0.3243, 0.5814



24.8655, 0.1210, 0.1642

Complementary

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



24.8655, 0.5114, 0.2794



75.9763, 0.2528, 0.4128

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.



24.8655, 0.1121, 0.2202



24.8655, 0.5114, 0.2794



24.8655, 0.2155, 0.5061

Square

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



24.8655, 0.5114, 0.2794



24.8655, 0.4360, 0.5299



24.8655, 0.1401, 0.3414



24.8655, 0.1643, 0.1507

Rectangle

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



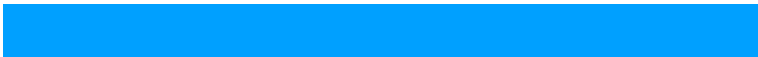
24.8655, 0.5114, 0.2794



24.8655, 0.5481, 0.4094



24.8655, 0.1401, 0.3414



24.8655, 0.1144, 0.1771

Sweetspot

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



24.8670, 0.5114, 0.2794



64.5580, 0.3475, 0.3094



20.5914, 0.2574, 0.1307



12.9134, 0.3542, 0.3064



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.



24.8670, 0.5114, 0.2794



22.1687, 0.5648, 0.2907



28.5489, 0.5658, 0.3561



18.0809, 0.3245, 0.3216



11.4346, 0.5720, 0.2925



1.1321, 0.5400, 0.2749

Inverse Universe

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



24.8670, 0.5114, 0.2794



22.1687, 0.5648, 0.2907



57.8572, 0.2158, 0.2813



18.0809, 0.3245, 0.3216



11.4346, 0.5720, 0.2925



1.1321, 0.5400, 0.2749

Previews

White Background



This preview shows how the Yxy color 24.8655, 0.5114, 0.2794 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 24.8655, 0.5114, 0.2794 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 24.8655, 0.5114, 0.2794

Background



This preview shows how black text looks on a background with the Yxy color 24.8655, 0.5114, 0.2794.



This preview shows how white text looks on a background with the Yxy color 24.8655, 0.5114, 0.2794.

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

24.8655, 0.5114, 0.2794

Protanopia

25.0292, 0.2889, 0.2944

Deuteranopia

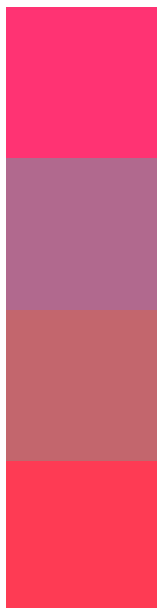
24.8296, 0.3785, 0.3705



Tritanopia

24.9428, 0.5704, 0.3284

Trichromacy



Original Color

24.8655, 0.5114, 0.2794

Protanomaly

21.4033, 0.3611, 0.2754

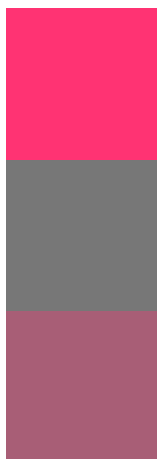
Deuteranomaly

22.2090, 0.4325, 0.3200

Tritanomaly

24.8389, 0.5523, 0.3115

Monochromacy



Original Color

24.8655, 0.5114, 0.2794

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

17.6382, 0.3880, 0.2922

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.8655, 0.5114, 0.2794 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, 115)` looks like.

```
.text, #text, p{  
    color:rgb(255, 51, 115)  
}
```

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, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 51, 115) }
```

Border

The CSS property to change the border of an element to Yxy 24.8655, 0.5114, 0.2794 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, 115) }
```

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

```
.border{ border-color:rgb(255, 51, 115) }
```

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, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 51, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 51, 115); box-shadow:4px 4px 4px 4px rgb(255, 51, 115) }
```


Background

The CSS property to change the background color of an element to Yxy 24.8655, 0.5114, 0.2794 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, 115) }
```

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

```
.background{ background-color: rgb(255, 51,  
115) }
```

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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