

Converting Colors

$Yxy(24.1134, 0.5116, 0.2727)$

Have a look what the booklet for
Yxy(24.1134, 0.5116, 0.2727)
contains.

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Color

Yxy(24.1302, 0.5114, 0.2727)

Conversions

Conversions Part 1

Format	Color
Hex	FF2975
RGB	255, 41, 117
RGB Percent	100%, 16%, 46%
CMY	0.0000, 0.8394, 0.5411
CMYK	0.00, 0.84, 0.54, 0.00
HSL	339°, 100%, 58%
HSV	339°, 84%, 100%
XYZ	45.2519, 24.1302, 19.1042
YIQ	113.6500, 103.1480, 69.0040

Conversions

Conversions Part 2

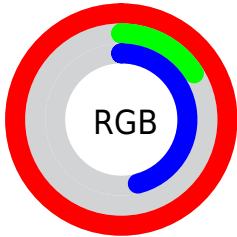
Format	Color
R_{YB}	255, 41, 117
Decimal	16722293
CIE _{Lab}	56.22, 79.14, 12.55
CIE _{LCh}	56, 80.128, 9.009
Yxy	24.1302, 0.5114, 0.2727
Android (android.graphics.Color)	4294912373 (0xFFFF2975)
YUV	113.6500, 1.6516, 123.9640
Hunter-Lab	49.1225, 78.4706, 11.3273

Details

The Yxy color **24.1302, 0.5114, 0.2727** is a dark color, and the websafe version is hex **FF0066**. The color can be described as middle washed rose. A complement of this color would be **75.2422, 0.2563, 0.4304**, and the grayscale version is **16.6779, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.7129, 0.4122, 0.2716**, and **11.5060, 0.5539, 0.2825** is the 20% darker color. If you saturate the color by 10%, you get **22.5454, 0.5432, 0.2799**, and if you desaturate by 10%, it is **26.9140, 0.4775, 0.2707**.

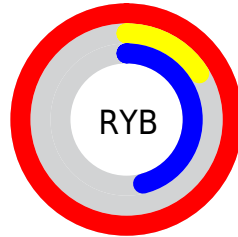
Distribution



Red (100%)

Green (16%)

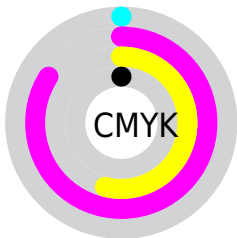
Blue (46%)



Red (100%)

Yellow (16%)

Blue (46%)

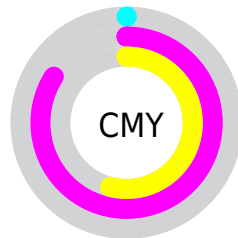


Cyan (0%)

Magenta (84%)

Yellow (54%)

Black (0%)



Cyan (0%)


Magenta (84%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.1302, 0.5114, 0.2727 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 24.1302, 0.5114, 0.2727 by changing the saturation by 10% instead.


 24.1302, 0.5114,
0.2727


 24.1302, 0.5114,
0.2727


273.4781, 0.4022,
0.3068


 15.4302, 0.5413,
0.2622


 50.2426, 0.4696,
0.2866


 9.1219, 0.5808,
0.2475


 68.4238, 0.4545,
0.2913


 4.8208, 0.6345,
0.2260

 90.5342, 0.4420,
0.2952

 2.1425, 0.7096,
0.1930

 116.9582, 0.4315,
0.2983

 0.6884, 0.8553,
0.1447

 148.0802, 0.4225,
0.3010

 0.0000, 1.0000,
0.0000

184.2846, 0.4148,

 0.0000, 0.0000,

0.3032

0.0000

225.9557, 0.4081,
0.3051

■ 24.1302, 0.5114,
0.2727

■ 24.1302, 0.5114,
0.2727

■ 22.5454, 0.5432,
0.2799

■ 26.9140, 0.4775,
0.2707

■ 22.0087, 0.5606,
0.2862

■ 31.1024, 0.4443,
0.2733

■ 36.8507, 0.4137,
0.2794

■ 44.2963, 0.3870,
0.2877

■ 53.5613, 0.3643,
0.2972

 64.7566, 0.3453,
0.3069

 77.9842, 0.3298,
0.3165

 93.3387, 0.3171,
0.3256

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.



24.1302, 0.3745, 0.2065



24.1302, 0.5114, 0.2727



24.1302, 0.5719, 0.3482

Triad

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



24.1302, 0.5114, 0.2727



24.1302, 0.3299, 0.5899



24.1302, 0.1151, 0.1619

Complementary

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



24.1302, 0.5114, 0.2727



75.2422, 0.2563, 0.4304

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.



24.1302, 0.1080, 0.2219



24.1302, 0.5114, 0.2727



24.1302, 0.2178, 0.5228

Square

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



24.1302, 0.5114, 0.2727



24.1302, 0.4438, 0.5283



24.1302, 0.1385, 0.3513



24.1302, 0.1566, 0.1463

Rectangle

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



24.1302, 0.5114, 0.2727



24.1302, 0.5570, 0.4034



24.1302, 0.1385, 0.3513



24.1302, 0.1091, 0.1758

Sweetspot

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



24.1263, 0.5114, 0.2727



63.4809, 0.3472, 0.3059



18.0917, 0.2439, 0.1197



12.7131, 0.3535, 0.3024



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.



24.1263, 0.5114, 0.2727



22.0087, 0.5606, 0.2862



25.7355, 0.5896, 0.3464



18.0937, 0.3238, 0.3206



11.5257, 0.5562, 0.2838



1.1421, 0.5248, 0.2665

Inverse Universe

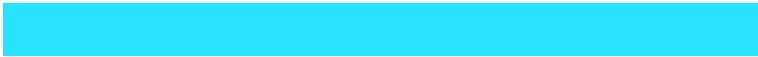
The Inverse Universe completely reimagines the original color for something new.



24.1263, 0.5114, 0.2727



22.0087, 0.5606, 0.2862



62.3328, 0.2175, 0.2929



18.0937, 0.3238, 0.3206



11.5257, 0.5562, 0.2838



1.1421, 0.5248, 0.2665

Previews

White Background



This preview shows how the Yxy color 24.1302, 0.5114, 0.2727 looks on a white background.

Color Contrast Check

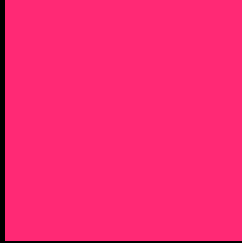
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1302, 0.5114, 0.2727 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 24.1302, 0.5114, 0.2727

Background



This preview shows how black text looks on a background with the Yxy color 24.1302, 0.5114, 0.2727.



This preview shows how white text looks on a background with the Yxy color 24.1302, 0.5114, 0.2727.

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

24.1302, 0.5114, 0.2727

Protanopia

24.3617, 0.2792, 0.2812

Deuteranopia

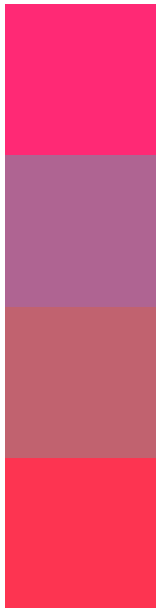
24.2959, 0.3729, 0.3663



Tritanopia

24.0478, 0.5802, 0.3285

Trichromacy



Original Color

24.1302, 0.5114, 0.2727

Protanomaly

20.3036, 0.3543, 0.2623

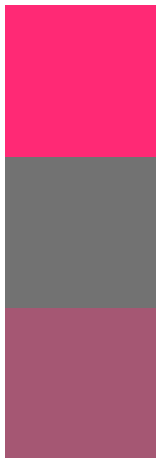
Deuteranomaly

21.2205, 0.4296, 0.3119

Tritanomaly

23.9327, 0.5593, 0.3097

Monochromacy



Original Color

24.1302, 0.5114, 0.2727

Achromatopsia

16.8269, 0.3127, 0.3290

Achromatomaly

16.0535, 0.3916, 0.2855

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.1302, 0.5114, 0.2727 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, 41, 117)` looks like.

```
.text, #text, p{  
    color:rgb(255, 41, 117)  
}
```

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, 41, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 41, 117) }
```

Border

The CSS property to change the border of an element to Yxy 24.1302, 0.5114, 0.2727 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, 41, 117) }
```

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

```
.border{ border-color:rgb(255, 41, 117) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 41, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 41, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 41, 117);  
box-shadow:4px 4px 4px 4px rgb(255, 41,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 24.1302, 0.5114, 0.2727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 41, 117) }
```

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

```
.background{ background-color: rgb(255, 41,  
117) }
```

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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