

Converting Colors

$Yxy(24.0720, 0.5185, 0.2773)$

Have a look what the booklet for
Yxy(24.0720, 0.5185, 0.2773)
contains.

Yxy(24.0858, 0.5190, 0.2779)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.0858, 0.5190, 0.2779)

Conversions

Conversions Part 1

Format	Color
Hex	FF2A70
RGB	255, 42, 112
RGB Percent	100%, 16%, 44%
CMY	0.0001, 0.8348, 0.5608
CMYK	0.00, 0.83, 0.56, 0.00
HSL	340°, 100%, 58%
HSV	340°, 83%, 100%
XYZ	44.9821, 24.0858, 17.6028
YIQ	113.6670, 104.4780, 66.9260

Conversions

Conversions Part 2

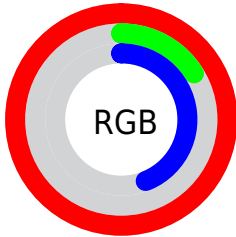
Format	Color
RYB	255, 42, 112
Decimal	16722544
CIELab	56.17, 78.55, 15.48
CIELCh	56, 80.065, 11.151
Yxy	24.0858, 0.5190, 0.2779
Android (android.graphics.Color)	4294912624 (0xFFFF2A70)
YUV	113.6670, -0.8218, 123.9490
Hunter-Lab	49.0773, 77.7201, 13.0882

Details

The Yxy color **24.0858, 0.5190, 0.2779** 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 **75.4987, 0.2539, 0.4215**, and the grayscale version is **16.7198, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.7146, 0.4194, 0.2786**, and **11.4580, 0.5620, 0.2870** is the 20% darker color. If you saturate the color by 10%, you get **22.4661, 0.5519, 0.2852**, and if you desaturate by 10%, it is **26.9293, 0.4836, 0.2757**.

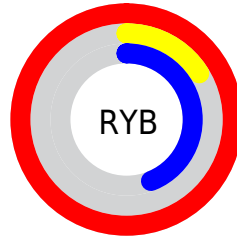
Distribution



Red (100%)

Green (16%)

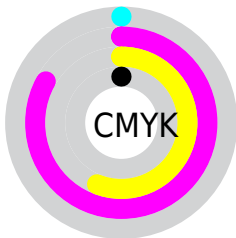
Blue (44%)



Red (100%)

Yellow (16%)

Blue (44%)

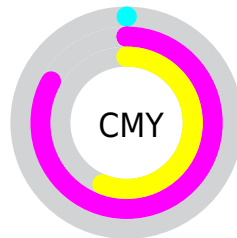


Cyan (0%)

Magenta (83%)

Yellow (56%)

Black (0%)



Cyan (0%)


Magenta (83%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.0858, 0.5190, 0.2779 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 24.0858, 0.5190, 0.2779 by changing the saturation by 10% instead.


 24.0858, 0.5190,
0.2779


 24.0858, 0.5190,
0.2779


273.2540, 0.4055,
0.3100


 15.3973, 0.5500,
0.2676


 50.1702, 0.4756,
0.2912


 9.0987, 0.5907,
0.2530

 68.3348, 0.4599,
0.2957


 4.8056, 0.6459,
0.2313

 90.4270, 0.4469,
0.2993

 2.1337, 0.7220,
0.1976

 116.8310, 0.4360,
0.3023

 0.6835, 0.8545,
0.1455

 147.9313, 0.4267,
0.3047

 0.0000, 1.0000,
0.0000

184.1123, 0.4186,

 0.0000, 0.0000,

0.3067

0.0000

225.7584, 0.4117,
0.3085

■ 24.0858, 0.5190,
0.2779

■ 24.0858, 0.5190,
0.2779

■ 22.4661, 0.5519,
0.2852

■ 26.9293, 0.4836,
0.2757


■ 21.8883, 0.5709,
0.2919

■ 31.1848, 0.4488,
0.2779


■ 37.0120, 0.4169,
0.2835

■ 44.5478, 0.3890,
0.2912

■ 53.9142, 0.3654,
0.3000

 65.2218, 0.3458,
0.3090

 78.5726, 0.3298,
0.3178

 94.0612, 0.3167,
0.3262

99.9931, 0.3127,
0.3290

Harmonies

Analogous

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



24.0858, 0.3851, 0.2107



24.0858, 0.5190, 0.2779



24.0858, 0.5722, 0.3539

Triad

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



24.0858, 0.5190, 0.2779



24.0858, 0.3216, 0.5904



24.0858, 0.1169, 0.1596

Complementary

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



24.0858, 0.5190, 0.2779



75.4987, 0.2539, 0.4215

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.



24.0858, 0.1074, 0.2156



24.0858, 0.5190, 0.2779



24.0858, 0.2107, 0.5121

Square

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



24.0858, 0.5190, 0.2779



24.0858, 0.4361, 0.5347



24.0858, 0.1348, 0.3396



24.0858, 0.1611, 0.1465

Rectangle

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



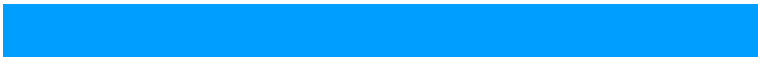
24.0858, 0.5190, 0.2779



24.0858, 0.5532, 0.4097



24.0858, 0.1348, 0.3396



24.0858, 0.1101, 0.1724

Sweetspot

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



24.0872, 0.5190, 0.2779



63.3930, 0.3486, 0.3076



19.0747, 0.2510, 0.1239



12.6924, 0.3552, 0.3044



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.



24.0872, 0.5190, 0.2779



21.8954, 0.5709, 0.2919



26.8127, 0.5820, 0.3519



18.0854, 0.3242, 0.3212



11.4652, 0.5666, 0.2895



1.1355, 0.5347, 0.2719

Inverse Universe

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



24.0872, 0.5190, 0.2779



21.8954, 0.5709, 0.2919



58.6316, 0.2152, 0.2837



18.0854, 0.3242, 0.3212



11.4652, 0.5666, 0.2895



1.1355, 0.5347, 0.2719

Previews

White Background



This preview shows how the Yxy color 24.0858, 0.5190, 0.2779 looks on a white background.

Color Contrast Check

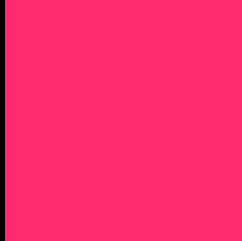
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0858, 0.5190, 0.2779 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 24.0858, 0.5190, 0.2779

Background



This preview shows how black text looks on a background with the Yxy color 24.0858, 0.5190, 0.2779.



This preview shows how white text looks on a background with the Yxy color 24.0858, 0.5190, 0.2779.

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

24.0858, 0.5190, 0.2779

Protanopia

24.2758, 0.2876, 0.2923

Deuteranopia

24.0308, 0.3806, 0.3726



Tritanopia

24.2245, 0.5817, 0.3292

Trichromacy



Original Color

24.0858, 0.5190, 0.2779



Protanomaly

20.4309, 0.3637, 0.2723



Deuteranomaly

21.0593, 0.4390, 0.3174



Tritanomaly

24.0769, 0.5638, 0.3122

Monochromacy



Original Color

24.0858, 0.5190, 0.2779



Achromatopsia

16.8269, 0.3127, 0.3290



Achromatomaly

16.1710, 0.3944, 0.2901

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0858, 0.5190, 0.2779 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, 42, 112)` looks like.

```
.text, #text, p{  
    color:rgb(255, 42, 112)  
}
```

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, 42, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 42, 112) }
```

Border

The CSS property to change the border of an element to Yxy 24.0858, 0.5190, 0.2779 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, 42, 112) }
```

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

```
.border{ border-color:rgb(255, 42, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 42, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 42, 112); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 42, 112); box-shadow:4px 4px 4px 4px rgb(255, 42, 112) }
```


Background

The CSS property to change the background color of an element to Yxy 24.0858, 0.5190, 0.2779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 42, 112) }
```

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

```
.background{ background-color: rgb(255, 42,  
112) }
```

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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