

Converting Colors

$Y_{xy}(22.9058, 0.5467, 0.2860)$

Have a look what the booklet for
Yxy(22.9058, 0.5467, 0.2860)
contains.

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Color

Yxy(22.9069, 0.5466, 0.2859)

Conversions

Conversions Part 1

Format	Color
Hex	FF1B61
RGB	255, 27, 97
RGB Percent	100%, 11%, 38%
CMY	0.0000, 0.8943, 0.6196
CMYK	0.00, 0.89, 0.62, 0.00
HSL	342°, 100%, 55%
HSV	342°, 89%, 100%
XYZ	43.7947, 22.9069, 13.4204
YIQ	103.1520, 113.4180, 70.1060

Conversions

Conversions Part 2

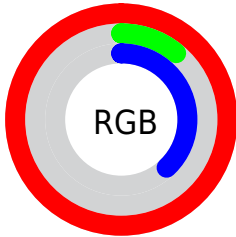
Format	Color
R_YB	255, 27, 97
Decimal	16718689
CIE _{Lab}	54.98, 80.25, 22.84
CIE _{LCh}	55, 83.442, 15.886
Yxy	22.9069, 0.5466, 0.2859
Android (android.graphics.Color)	4294908769 (0xFFFF1B61)
YUV	103.1520, -3.0329, 133.1707
Hunter-Lab	47.8612, 79.5771, 16.8777

Details

The Yxy color **22.9069, 0.5466, 0.2859** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed rose. A complement of this color would be **75.2535, 0.2523, 0.4222**, and the grayscale version is **13.5832, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.4697, 0.4430, 0.2876**, and **11.1951, 0.5858, 0.3001** is the 20% darker color. If you saturate the color by 10%, you get **21.8608, 0.5770, 0.2955**, and if you desaturate by 10%, it is **24.9866, 0.5114, 0.2805**.

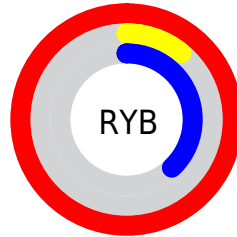
Distribution



Red (100%)

Green (11%)

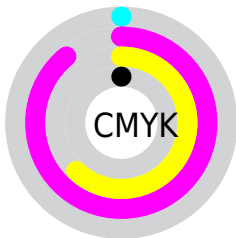
Blue (38%)



Red (100%)

Yellow (11%)

Blue (38%)

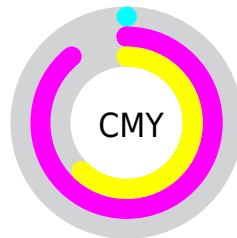


Cyan (0%)

Magenta (89%)

Yellow (62%)

Black (0%)



Cyan (0%)


Magenta (89%)


Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.9069, 0.5466, 0.2859 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 22.9069, 0.5466, 0.2859 by changing the saturation by 10% instead.


 22.9069, 0.5466,
0.2859


 22.9069, 0.5466,
0.2859


267.2465, 0.4175,
0.3163

 14.5248, 0.5814,
0.2750


 48.2404, 0.4974,
0.2993


 8.4866, 0.6266,
0.2591


 65.9606, 0.4795,
0.3037

 4.4078, 0.6862,
0.2347

 87.5622, 0.4647,
0.3070

 1.9042, 0.7786,
0.1996

 113.4298, 0.4522,
0.3097

 0.5509, 0.8728,
0.1272

 143.9476, 0.4416,
0.3118

 0.0000, 1.0000,
0.0000

179.5000, 0.4324,

 0.0000, 0.0000,

0.3136

0.0000

220.4715, 0.4245,
0.3151

■ 22.9069, 0.5466,
0.2859

■ 22.9069, 0.5466,
0.2859

■ 21.8608, 0.5770,
0.2955

■ 24.9866, 0.5114,
0.2805

■ 21.8146, 0.5786,
0.2961

■ 28.3771, 0.4748,
0.2798

■ 33.2528, 0.4397,
0.2831

■ 39.7628, 0.4082,
0.2892

■ 48.0379, 0.3811,
0.2969

■ 58.1955, 0.3584,
0.3052

■ 70.3426, 0.3397,
0.3137

■ 84.5785, 0.3245,
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.



22.9069, 0.4134, 0.2151



22.9069, 0.5466, 0.2859



22.9069, 0.5831, 0.3642

Triad

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



22.9069, 0.5466, 0.2859



22.9069, 0.2992, 0.6053



22.9069, 0.1143, 0.1478

Complementary

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



22.9069, 0.5466, 0.2859



75.2535, 0.2523, 0.4222

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.



22.9069, 0.0990, 0.1959



22.9069, 0.5466, 0.2859



22.9069, 0.1882, 0.4977

Square

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



22.9069, 0.5466, 0.2859



22.9069, 0.4190, 0.5563



22.9069, 0.1192, 0.3124



22.9069, 0.1656, 0.1404

Rectangle

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



22.9069, 0.5466, 0.2859



22.9069, 0.5521, 0.4231



22.9069, 0.1192, 0.3124



22.9069, 0.1056, 0.1583

Sweetspot

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



22.9046, 0.5466, 0.2859



60.9605, 0.3535, 0.3073



18.0427, 0.2494, 0.1187



12.2237, 0.3604, 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.



22.9046, 0.5466, 0.2859



21.8146, 0.5786, 0.2961



25.5659, 0.5983, 0.3512



18.0789, 0.3246, 0.3217



11.4219, 0.5743, 0.2937



1.1306, 0.5423, 0.2761

Inverse Universe

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



22.9046, 0.5466, 0.2859



21.8146, 0.5786, 0.2961



55.1372, 0.2112, 0.2750



18.0789, 0.3246, 0.3217



11.4219, 0.5743, 0.2937



1.1306, 0.5423, 0.2761

Previews

White Background



This preview shows how the Yxy color 22.9069, 0.5466, 0.2859 looks on a white background.

Color Contrast Check

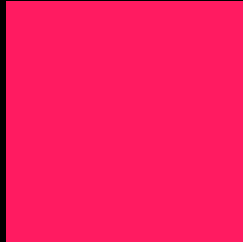
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.9069, 0.5466, 0.2859 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 22.9069, 0.5466, 0.2859

Background



This preview shows how black text looks on a background with the Yxy color 22.9069, 0.5466, 0.2859.



This preview shows how white text looks on a background with the Yxy color 22.9069, 0.5466, 0.2859.

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

22.9069, 0.5466, 0.2859

Protanopia

23.0316, 0.3044, 0.3135

Deuteranopia

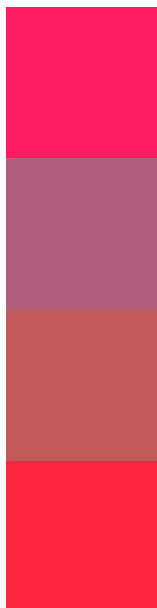
22.9645, 0.4013, 0.3932



Tritanopia

22.9413, 0.6034, 0.3304

Trichromacy



Original Color

22.9069, 0.5466, 0.2859

Protanomaly

18.6310, 0.3914, 0.2839

Deuteranomaly

19.5198, 0.4684, 0.3295

Tritanomaly

22.8159, 0.5886, 0.3162

Monochromacy



Original Color

22.9069, 0.5466, 0.2859

Achromatopsia

13.5633, 0.3127, 0.3290

Achromatomaly

13.2408, 0.4116, 0.2874

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.9069, 0.5466, 0.2859 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, 27, 97)` looks like.

```
.text, #text, p{  
    color:rgb(255, 27, 97)  
}
```

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, 27, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 27, 97) }
```

Border

The CSS property to change the border of an element to Yxy 22.9069, 0.5466, 0.2859 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, 27, 97) }
```

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

```
.border{ border-color:rgb(255, 27, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 27, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 27, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 27, 97);  
box-shadow:4px 4px 4px 4px rgb(255, 27,  
97) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 22.9069, 0.5466, 0.2859$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 27, 97) }
```

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

```
.background{ background-color: rgb(255, 27,  
97) }
```

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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