

Converting Colors

$Yxy(28.5326, 0.5191, 0.3174)$

Have a look what the booklet for
Yxy(28.5326, 0.5191, 0.3174)
contains.

Yxy(28.4825, 0.5197, 0.3176)	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(28.4825, 0.5197, 0.3176)

Conversions

Conversions Part 1

Format	Color
Hex	FF5462
RGB	255, 84, 98
RGB Percent	100%, 33%, 38%
CMY	0.0001, 0.6704, 0.6158
CMYK	0.00, 0.67, 0.62, 0.00
HSL	355°, 100%, 66%
HSV	355°, 67%, 100%
XYZ	46.6069, 28.4825, 14.5910
YIQ	136.7250, 97.4220, 40.6060

Conversions

Conversions Part 2

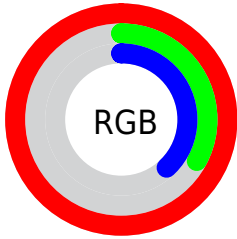
Format	Color
R_{YB}	255, 84, 98
Decimal	16733282
CIE _{Lab}	60.32, 65.31, 29.24
CIE _{LCh}	60, 71.556, 24.122
Yxy	28.4825, 0.5197, 0.3176
Android (android.graphics.Color)	4294923362 (0xFFFF5462)
YUV	136.7250, -19.0914, 103.7272
Hunter-Lab	53.3690, 62.4875, 21.1485

Details

The Yxy color **28.4825, 0.5197, 0.3176** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **79.7431, 0.2396, 0.3456**, and the grayscale version is **24.9589, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.7759, 0.4241, 0.3220**, and **11.3894, 0.5855, 0.3012** is the 20% darker color. If you saturate the color by 10%, you get **24.8386, 0.5650, 0.3188**, and if you desaturate by 10%, it is **33.6987, 0.4739, 0.3179**.

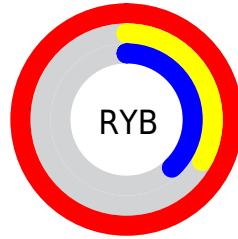
Distribution



Red (100%)

Green (33%)

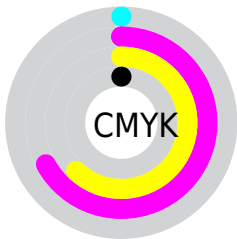
Blue (38%)



Red (100%)

Yellow (33%)

Blue (38%)

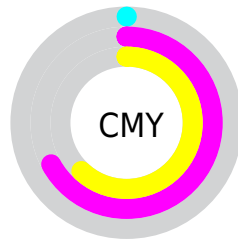


Cyan (0%)

Magenta (67%)

Yellow (62%)

Black (0%)



Cyan (0%)


Magenta (67%)

Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.4825, 0.5197, 0.3176 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 28.4825, 0.5197, 0.3176 by changing the saturation by 10% instead.


 28.4825, 0.5197,
0.3176

 28.4825, 0.5197,
0.3176


294.7654, 0.4084,
0.3308

 18.6897, 0.5488,
0.3114


 57.2539, 0.4780,
0.3244


 11.4463, 0.5861,
0.3017


 77.0012, 0.4626,
0.3264

 6.3678, 0.6349,
0.2858


 100.8355, 0.4498,
0.3278

 3.0700, 0.7050,
0.2606

 129.1412, 0.4390,
0.3288

 1.1684, 0.7880,
0.2120

162.3026, 0.4297,
0.3295

 0.0357, 0.9816,
0.0184

200.7042, 0.4216,


 0.0000, 1.0000,


0.3301


0.0000

244.7303, 0.4146,
0.3305

 0.0000, 0.0000,
0.0000

 28.4825, 0.5197,
0.3176


 28.4825, 0.5197,
0.3176

 24.8386, 0.5650,
0.3188

 33.6987, 0.4739,
0.3179


 22.5857, 0.6033,
0.3216


 40.6329, 0.4321,
0.3192


 21.5014, 0.6285,
0.3255

 49.4194, 0.3963,
0.3211

 21.3082, 0.6334,
0.3263

 60.1781, 0.3668,
0.3233

 73.0186, 0.3429,
0.3255

 88.0426, 0.3238,
0.3276

99.9949, 0.3127,
0.3290

Harmonies

Analogous

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



28.4825, 0.4285, 0.2505



28.4825, 0.5197, 0.3176



28.4825, 0.5336, 0.3917

Triad

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



28.4825, 0.5197, 0.3176



28.4825, 0.2833, 0.5332



28.4825, 0.1513, 0.1703

Complementary

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



28.4825, 0.5197, 0.3176



79.7431, 0.2396, 0.3456

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.



28.4825, 0.1292, 0.2046



28.4825, 0.5197, 0.3176



28.4825, 0.1926, 0.4212

Square

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



28.4825, 0.5197, 0.3176



28.4825, 0.3869, 0.5382



28.4825, 0.1407, 0.2876



28.4825, 0.2089, 0.1702

Rectangle

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



28.4825, 0.5197, 0.3176



28.4825, 0.5027, 0.4447



28.4825, 0.1407, 0.2876



28.4825, 0.1403, 0.1774

Sweetspot

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



28.4841, 0.5197, 0.3176



69.0075, 0.3495, 0.3249



32.2192, 0.3063, 0.1719



13.9898, 0.3561, 0.3242



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.



28.4841, 0.5197, 0.3176



24.0405, 0.5774, 0.3195



45.4269, 0.4776, 0.3974



18.0111, 0.3282, 0.3271



11.1450, 0.6314, 0.3252



1.0930, 0.6133, 0.3152

Inverse Universe

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



28.4841, 0.5197, 0.3176



24.0405, 0.5774, 0.3195



43.2839, 0.2120, 0.2366



18.0111, 0.3282, 0.3271



11.1450, 0.6314, 0.3252



1.0930, 0.6133, 0.3152

Previews

White Background



This preview shows how the Yxy color 28.4825, 0.5197, 0.3176 looks on a white background.

Color Contrast Check

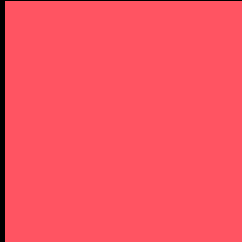
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4825, 0.5197, 0.3176 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 28.4825, 0.5197, 0.3176

Background



This preview shows how black text looks on a background with the Yxy color 28.4825, 0.5197, 0.3176.



This preview shows how white text looks on a background with the Yxy color 28.4825, 0.5197, 0.3176.

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

28.4825, 0.5197, 0.3176

Protanopia

28.4783, 0.3426, 0.3627

Deuteranopia

28.4166, 0.4089, 0.4015



Tritanopia

28.4952, 0.5292, 0.3254

Trichromacy



Original Color

28.4825, 0.5197, 0.3176

Protanomaly

26.3509, 0.4058, 0.3404

Deuteranomaly

26.9455, 0.4542, 0.3631

Tritanomaly

28.5473, 0.5254, 0.3228

Monochromacy



Original Color

28.4825, 0.5197, 0.3176

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.0902, 0.3859, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.4825, 0.5197, 0.3176 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, 84, 98)` looks like.

```
.text, #text, p{  
  color:rgb(255, 84, 98)  
}
```

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, 84, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 84, 98) }
```

Border

The CSS property to change the border of an element to Yxy 28.4825, 0.5197, 0.3176 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, 84, 98) }
```

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

```
.border{ border-color:rgb(255, 84, 98) }
```

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

Here you see how a box with a 4 pixel rgb(255, 84, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 84, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 84, 98);  
box-shadow:4px 4px 4px 4px rgb(255, 84,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 28.4825, 0.5197, 0.3176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 84, 98) }
```

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

```
.background{ background-color: rgb(255, 84,  
98) }
```

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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