

Converting Colors

$Yxy(30.2043, 0.5082, 0.3065)$

Have a look what the booklet for
Yxy(30.2043, 0.5082, 0.3065)
contains.

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Color

Yxy(28.7483, 0.5023, 0.3054)

Conversions

Conversions Part 1

Format	Color
Hex	FF546F
RGB	255, 84, 111
RGB Percent	100%, 33%, 44%
CMY	0.0000, 0.6706, 0.5646
CMYK	0.00, 0.67, 0.56, 0.00
HSL	351°, 100%, 66%
HSV	351°, 67%, 100%
XYZ	47.2831, 28.7483, 18.1018
YIQ	138.2070, 93.2490, 44.6490

Conversions

Conversions Part 2

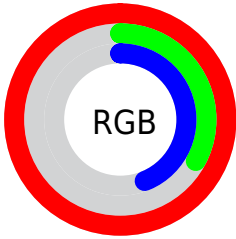
Format	Color
R_{YB}	255, 84, 111
Decimal	16733295
CIE Lab	60.56, 66.19, 22.03
CIE LCh	61, 69.754, 18.407
Yxy	28.7483, 0.5023, 0.3054
Android (android.graphics.Color)	4294923375 (0xFFFF546F)
YUV	138.2070, -13.4131, 102.4275
Hunter-Lab	53.6174, 63.5817, 17.5153

Details

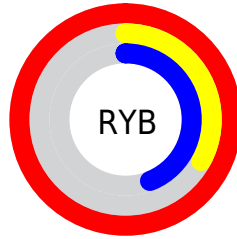
The Yxy color **28.7483, 0.5023, 0.3054** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle muted rose. A complement of this color would be **79.0046, 0.2448, 0.3620**, and the grayscale version is **25.5236, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.2146, 0.4098, 0.3084**, and **11.6200, 0.5643, 0.2890** is the 20% darker color. If you saturate the color by 10%, you get **25.0669, 0.5457, 0.3067**, and if you desaturate by 10%, it is **33.9828, 0.4598, 0.3066**.

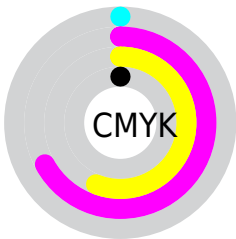
Distribution



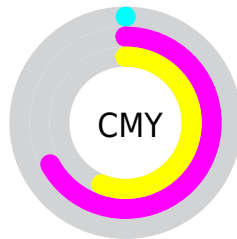
- Red (100%)
- Green (33%)
- Blue (44%)



- Red (100%)
- Yellow (33%)
- Blue (44%)



- Cyan (0%)
- Magenta (67%)
- Yellow (56%)
- Black (0%)





- Cyan (0%)
- Magenta (67%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.7483, 0.5023, 0.3054 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 28.7483, 0.5023, 0.3054 by changing the saturation by 10% instead.


 28.7483, 0.5023,
0.3054


 28.7483, 0.5023,
0.3054


296.0255, 0.4001,
0.3231

 18.8905, 0.5295,
0.2988


 57.6769, 0.4637,
0.3134


 11.5912, 0.5649,
0.2891


 77.5166, 0.4496,
0.3159

 6.4660, 0.6122,
0.2739


 101.4523, 0.4379,
0.3178

 3.1304, 0.6768,
0.2487

 129.8684, 0.4280,
0.3193

 1.2002, 0.7888,
0.2112

163.1494, 0.4195,
0.3206

 0.0619, 0.9697,
0.0303


201.6797, 0.4121,


 0.0000, 1.0000,


0.3216

0.0000

245.8436, 0.4057,
0.3224


 0.0000, 0.0000,
0.0000


 28.7483, 0.5023,
0.3054


 28.7483, 0.5023,
0.3054


 25.0669, 0.5457,
0.3067


 33.9828, 0.4598,
0.3066


 22.7658, 0.5850,
0.3109


 40.9186, 0.4217,
0.3096


 21.6248, 0.6145,
0.3177

 49.6860, 0.3892,
0.3135

 21.4153, 0.6212,
0.3195

 60.4027, 0.3623,
0.3178

 73.1767, 0.3405,
0.3221

 88.1078, 0.3230,
0.3263

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.



28.7483, 0.4032, 0.2412



28.7483, 0.5023, 0.3054



28.7483, 0.5318, 0.3773

Triad

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



28.7483, 0.5023, 0.3054



28.7483, 0.3041, 0.5362



28.7483, 0.1479, 0.1773

Complementary

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



28.7483, 0.5023, 0.3054



79.0046, 0.2448, 0.3620

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.



28.7483, 0.1324, 0.2192



28.7483, 0.5023, 0.3054



28.7483, 0.2105, 0.4442

Square

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



28.7483, 0.5023, 0.3054



28.7483, 0.4050, 0.5242



28.7483, 0.1510, 0.3110



28.7483, 0.1976, 0.1713

Rectangle

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



28.7483, 0.5023, 0.3054



28.7483, 0.5100, 0.4286



28.7483, 0.1510, 0.3110



28.7483, 0.1392, 0.1867

Sweetspot

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



28.7482, 0.5023, 0.3054



69.2022, 0.3465, 0.3209



29.8096, 0.2928, 0.1655



14.0355, 0.3525, 0.3197



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.



28.7482, 0.5023, 0.3054



24.2559, 0.5580, 0.3076



40.9490, 0.4901, 0.3833



18.0339, 0.3269, 0.3253



11.2037, 0.6181, 0.3179



1.1037, 0.5906, 0.3027

Inverse Universe

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



28.7482, 0.5023, 0.3054



24.2559, 0.5580, 0.3076



49.4922, 0.2167, 0.2560



18.0339, 0.3269, 0.3253



11.2037, 0.6181, 0.3179



1.1037, 0.5906, 0.3027

Previews

White Background



This preview shows how the Yxy color 28.7483, 0.5023, 0.3054 looks on a white background.

Color Contrast Check

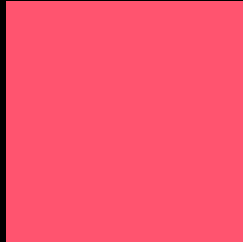
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.7483, 0.5023, 0.3054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

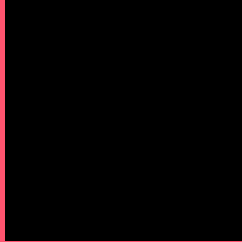
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 28.7483, 0.5023, 0.3054

Background



This preview shows how black text looks on a background with the Yxy color 28.7483, 0.5023, 0.3054.



This preview shows how white text looks on a background with the Yxy color 28.7483, 0.5023, 0.3054.

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

28.7483, 0.5023, 0.3054

Protanopia

28.9352, 0.3228, 0.3386

Deuteranopia

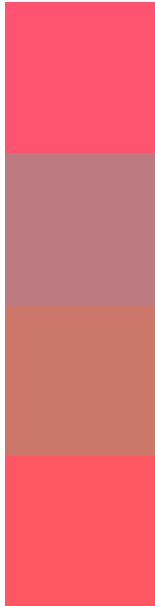
28.7341, 0.3912, 0.3839



Tritanopia

28.6599, 0.5246, 0.3253

Trichromacy



Original Color

28.7483, 0.5023, 0.3054

Protanomaly

26.4423, 0.3856, 0.3208

Deuteranomaly

27.1701, 0.4341, 0.3474

Tritanomaly

28.6273, 0.5164, 0.3182

Monochromacy



Original Color

28.7483, 0.5023, 0.3054

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.3391, 0.3805, 0.3147

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.7483, 0.5023, 0.3054 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, 111)` looks like.

```
.text, #text, p{  
    color:rgb(255, 84, 111)  
}
```

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, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 84, 111) }
```

Border

The CSS property to change the border of an element to Yxy 28.7483, 0.5023, 0.3054 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, 111) }
```

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

```
.border{ border-color:rgb(255, 84, 111) }
```

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, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 84, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 84, 111);  
box-shadow:4px 4px 4px 4px rgb(255, 84,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 28.7483, 0.5023, 0.3054 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, 111) }
```

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

```
.background{ background-color: rgb(255, 84,  
111) }
```

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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