

Converting Colors

$Y_{xy}(29.1367, 0.4836, 0.2930)$

Have a look what the booklet for
Yxy(29.1367, 0.4836, 0.2930)
contains.

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Color

Yxy(29.2122, 0.4836, 0.2936)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF557C |
| RGB | 255, 85, 124 |
| RGB Percent | 100%, 33%, 49% |
| CMY | 0.0001, 0.6665, 0.5138 |
| CMYK | 0.00, 0.67, 0.51, 0.00 |
| HSL | 346°, 100%, 67% |
| HSV | 346°, 67%, 100% |
| XYZ | 48.1166, 29.2122, 22.1678 |
| YIQ | 140.2760, 88.8010, 48.1690 |

Conversions

Conversions Part 2

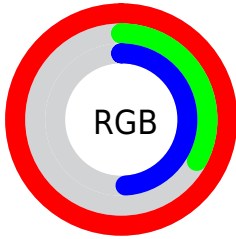
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 255, 85, 124 |
| Decimal | 16733564 |
| CIE Lab | 60.97, 66.73, 15.05 |
| CIE LCh | 61, 68.409, 12.707 |
| Yxy | 29.2122, 0.4836, 0.2936 |
| Android (android.graphics.Color) | 4294923644 (0xFFFF557C) |
| YUV | 140.2760, -8.0241, 100.6129 |
| Hunter-Lab | 54.0483, 64.3252, 13.5161 |

Details

The Yxy color **29.2122, 0.4836, 0.2936** is a light color, and the websafe version is hex **FF3366**. The color can be described as light muted rose. A complement of this color would be **78.3907, 0.2499, 0.3775**, and the grayscale version is **26.3520, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.0395, 0.3942, 0.2948**, and **11.7934, 0.5396, 0.2758** is the 20% darker color. If you saturate the color by 10%, you get **25.4452, 0.5242, 0.2942**, and if you desaturate by 10%, it is **34.5271, 0.4450, 0.2962**.

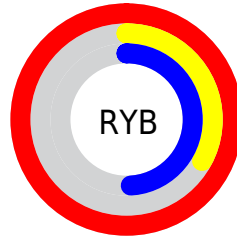
Distribution



Red (100%)

Green (33%)

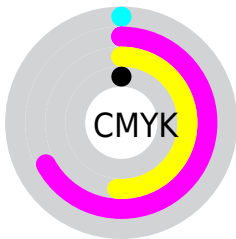
Blue (49%)



Red (100%)

Yellow (33%)

Blue (49%)

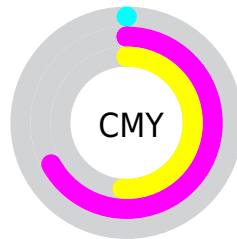


Cyan (0%)

Magenta (67%)

Yellow (51%)

Black (0%)



Cyan (0%)


Magenta (67%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.2122, 0.4836, 0.2936 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 29.2122, 0.4836, 0.2936 by changing the saturation by 10% instead.


 29.2122, 0.4836,
0.2936


 29.2122, 0.4836,
0.2936


298.2149, 0.3916,
0.3158

 19.2414, 0.5083,
0.2865


 58.4141, 0.4488,
0.3028


 11.8448, 0.5406,
0.2765


 78.4139, 0.4361,
0.3059

 6.6381, 0.5846,
0.2616


 102.5256, 0.4256,
0.3084

 3.2368, 0.6463,
0.2381

 131.1335, 0.4166,
0.3104

 1.2566, 0.7532,
0.2032

164.6219, 0.4090,
0.3121

 0.1072, 0.9510,
0.0490

203.3754, 0.4024,

 0.0000, 1.0000,

0.3135


0.0000


247.7782, 0.3967,
0.3147


 0.0000, 0.0000,
0.0000


 29.2122, 0.4836,
0.2936

 29.2122, 0.4836,
0.2936


 25.4452, 0.5242,
0.2942


 34.5271, 0.4450,
0.2962


 23.0517, 0.5628,
0.2987


 41.5299, 0.4106,
0.3009

 21.8212, 0.5947,
0.3070

 50.3503, 0.3814,
0.3067

 21.5632, 0.6037,
0.3099

 61.1040, 0.3572,
0.3130

 73.8968, 0.3375,
0.3193

 88.8272, 0.3216,
0.3252

99.9933, 0.3127,
0.3290

Harmonies

Analogous

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



29.2122, 0.3790, 0.2326



29.2122, 0.4836, 0.2936



29.2122, 0.5276, 0.3635

Triad

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



29.2122, 0.4836, 0.2936



29.2122, 0.3242, 0.5359



29.2122, 0.1455, 0.1851

Complementary

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



29.2122, 0.4836, 0.2936



78.3907, 0.2499, 0.3775

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.



29.2122, 0.1364, 0.2349



29.2122, 0.4836, 0.2936



29.2122, 0.2286, 0.4644

Square

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



29.2122, 0.4836, 0.2936



29.2122, 0.4217, 0.5100



29.2122, 0.1622, 0.3347



29.2122, 0.1878, 0.1730

Rectangle

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



29.2122, 0.4836, 0.2936



29.2122, 0.5151, 0.4133



29.2122, 0.1622, 0.3347



29.2122, 0.1389, 0.1968

Sweetspot

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



29.2138, 0.4836, 0.2936



69.3874, 0.3437, 0.3172



28.2187, 0.2823, 0.1612



14.0791, 0.3492, 0.3154



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.



29.2138, 0.4836, 0.2936



24.5047, 0.5376, 0.2953



37.9722, 0.4984, 0.3718



18.0553, 0.3258, 0.3236



11.2894, 0.5999, 0.3078



1.1150, 0.5690, 0.2908

Inverse Universe

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



29.2138, 0.4836, 0.2936



24.5047, 0.5376, 0.2953



55.0747, 0.2208, 0.2717



18.0553, 0.3258, 0.3236



11.2894, 0.5999, 0.3078



1.1150, 0.5690, 0.2908

Previews

White Background



This preview shows how the Yxy color 29.2122, 0.4836, 0.2936 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 29.2122, 0.4836, 0.2936 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 29.2122, 0.4836, 0.2936

Background



This preview shows how black text looks on a background with the Yxy color 29.2122, 0.4836, 0.2936.



This preview shows how white text looks on a background with the Yxy color 29.2122, 0.4836, 0.2936.

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

29.2122, 0.4836, 0.2936

Protanopia

29.5636, 0.3052, 0.3150

Deuteranopia

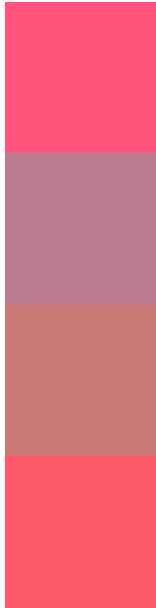
29.0814, 0.3742, 0.3665



Tritanopia

29.2093, 0.5161, 0.3252

Trichromacy



Original Color

29.2122, 0.4836, 0.2936

Protanomaly

26.9937, 0.3654, 0.3013

Deuteranomaly

27.5632, 0.4158, 0.3319

Tritanomaly

29.2562, 0.5053, 0.3142

Monochromacy



Original Color

29.2122, 0.4836, 0.2936

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.0993, 0.3732, 0.3091

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.2122, 0.4836, 0.2936 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, 85, 124)` looks like.

```
.text, #text, p{  
    color:rgb(255, 85, 124)  
}
```

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, 85, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 85, 124) }
```

Border

The CSS property to change the border of an element to Yxy 29.2122, 0.4836, 0.2936 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, 85, 124) }
```

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

```
.border{ border-color:rgb(255, 85, 124) }
```

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

Here you see how a box with a 4 pixel rgb(255, 85, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 85, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 85, 124);  
box-shadow:4px 4px 4px 4px rgb(255, 85,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 29.2122, 0.4836, 0.2936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 85, 124) }
```

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

```
.background{ background-color: rgb(255, 85,  
124) }
```

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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