

Converting Colors

$Y_{xy}(28.6745, 0.4921, 0.2984)$

Have a look what the booklet for
Yxy(28.6745, 0.4921, 0.2984)
contains.

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Color

Yxy(28.7195, 0.4917, 0.2985)

Conversions

Conversions Part 1

Format	Color
Hex	FE5476
RGB	254, 84, 118
RGB Percent	100%, 33%, 46%
CMY	0.0040, 0.6705, 0.5373
CMYK	0.00, 0.67, 0.54, 0.00
HSL	348°, 99%, 66%
HSV	348°, 67%, 100%
XYZ	47.3078, 28.7195, 20.1854
YIQ	138.7060, 90.4060, 46.6140

Conversions

Conversions Part 2

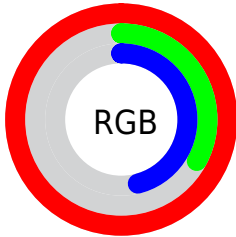
Format	Color
R_{YB}	254, 84, 118
Decimal	16667766
CIE _{Lab}	60.53, 66.36, 17.91
CIE _{LCh}	61, 68.740, 15.106
Yxy	28.7195, 0.4917, 0.2985
Android (android.graphics.Color)	4294857846 (0xFFFE5476)
YUV	138.7060, -10.2081, 101.1128
Hunter-Lab	53.5906, 63.7898, 15.1812

Details

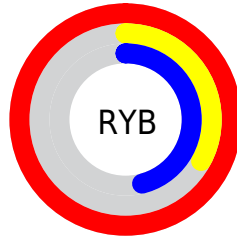
The Yxy color **28.7195, 0.4917, 0.2985** is a light color, and the websafe version is hex **FF3366**. The color can be described as light muted rose. A complement of this color would be **77.9270, 0.2477, 0.3711**, and the grayscale version is **25.7187, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.5083, 0.4011, 0.3000**, and **11.5403, 0.5516, 0.2817** is the 20% darker color. If you saturate the color by 10%, you get **25.0335, 0.5336, 0.2995**, and if you desaturate by 10%, it is **33.9413, 0.4514, 0.3005**.

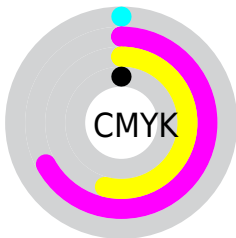
Distribution



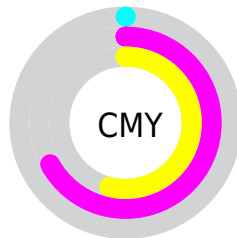
- Red (100%)
- Green (33%)
- Blue (46%)



- Red (100%)
- Yellow (33%)
- Blue (46%)



- Cyan (0%)
- Magenta (67%)
- Yellow (54%)
- Black (0%)





- Cyan (0%)
- Magenta (67%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.7195, 0.4917, 0.2985 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 28.7195, 0.4917, 0.2985 by changing the saturation by 10% instead.


 28.7195, 0.4917,
0.2985


 28.7195, 0.4917,
0.2985


295.8892, 0.3951,
0.3188

 18.8687, 0.5176,
0.2916


 57.6311, 0.4551,
0.3072


 11.5755, 0.5515,
0.2817


 77.4608, 0.4418,
0.3100

 6.4553, 0.5974,
0.2666


 101.3855, 0.4307,
0.3123

 3.1239, 0.6612,
0.2422

 129.7897, 0.4214,
0.3141

 1.1967, 0.7871,
0.2099

163.0578, 0.4134,
0.3156

 0.0590, 0.9711,
0.0289

201.5741, 0.4064,


 0.0000, 1.0000,


0.3169


0.0000

245.7231, 0.4004,
0.3179


 0.0000, 0.0000,
0.0000


 28.7195, 0.4917,
0.2985


 28.7195, 0.4917,
0.2985


 25.0335, 0.5336,
0.2995


 33.9413, 0.4514,
0.3005


 22.7090, 0.5726,
0.3040


 40.8388, 0.4154,
0.3044


 21.5331, 0.6037,
0.3118

 49.5416, 0.3848,
0.3095

 21.3040, 0.6116,
0.3143

 60.1652, 0.3595,
0.3149

 72.8152, 0.3389,
0.3204

 87.5899, 0.3223,
0.3256

99.8073, 0.3121,
0.3290

Harmonies

Analogous

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



28.7195, 0.3891, 0.2361



28.7195, 0.4917, 0.2985



28.7195, 0.5297, 0.3693

Triad

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



28.7195, 0.4917, 0.2985



28.7195, 0.3158, 0.5365



28.7195, 0.1464, 0.1816

Complementary

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



28.7195, 0.4917, 0.2985



77.9270, 0.2477, 0.3711

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.



28.7195, 0.1345, 0.2281



28.7195, 0.4917, 0.2985



28.7195, 0.2209, 0.4563

Square

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



28.7195, 0.4917, 0.2985



28.7195, 0.4149, 0.5161



28.7195, 0.1573, 0.3247



28.7195, 0.1917, 0.1721

Rectangle

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



28.7195, 0.4917, 0.2985



28.7195, 0.5133, 0.4196



28.7195, 0.1573, 0.3247



28.7195, 0.1388, 0.1924

Sweetspot

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



28.7211, 0.4917, 0.2985



69.3104, 0.3448, 0.3187



28.7151, 0.2875, 0.1632



14.0610, 0.3506, 0.3172



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.



28.7211, 0.4917, 0.2985



24.3961, 0.5462, 0.3005



39.0412, 0.4945, 0.3775



18.0464, 0.3263, 0.3243



11.2501, 0.6080, 0.3123



1.1100, 0.5783, 0.2959

Inverse Universe

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



28.7211, 0.4917, 0.2985



24.3961, 0.5462, 0.3005



51.7517, 0.2187, 0.2639



18.0464, 0.3263, 0.3243



11.2501, 0.6080, 0.3123



1.1100, 0.5783, 0.2959

Previews

White Background



This preview shows how the Yxy color 28.7195, 0.4917, 0.2985 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 28.7195, 0.4917, 0.2985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

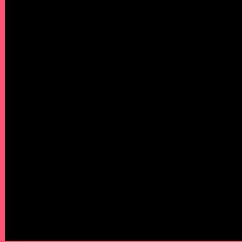
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.7195, 0.4917, 0.2985

Background



This preview shows how black text looks on a background with the Yxy color 28.7195, 0.4917, 0.2985.

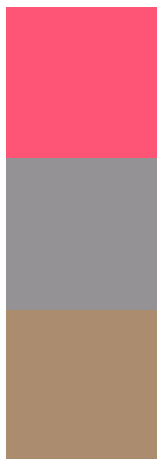


This preview shows how white text looks on a background with the Yxy color 28.7195, 0.4917, 0.2985.

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

28.7195, 0.4917, 0.2985

Protanopia

29.0236, 0.3119, 0.3243

Deuteranopia

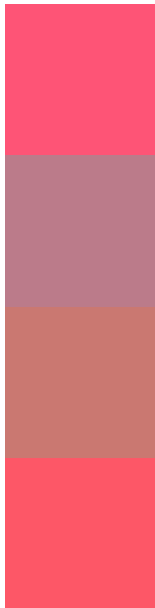
28.6526, 0.3813, 0.3740



Tritanopia

28.8356, 0.5200, 0.3252

Trichromacy



Original Color

28.7195, 0.4917, 0.2985

Protanomaly

26.5657, 0.3731, 0.3082

Deuteranomaly

27.1818, 0.4240, 0.3385

Tritanomaly

28.6783, 0.5097, 0.3153

Monochromacy



Original Color

28.7195, 0.4917, 0.2985

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

24.6561, 0.3762, 0.3118

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.7195, 0.4917, 0.2985 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(254, 84, 118)` looks like.

```
.text, #text, p{  
    color:rgb(254, 84, 118)  
}
```

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(254, 84, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 84, 118) }
```

Border

The CSS property to change the border of an element to Yxy 28.7195, 0.4917, 0.2985 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(254, 84, 118) }
```

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

```
.border{ border-color:rgb(254, 84, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 84, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 84, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 84, 118);  
box-shadow:4px 4px 4px 4px rgb(254, 84,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 28.7195, 0.4917, 0.2985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 84, 118) }
```

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

```
.background{ background-color: rgb(254, 84,  
118) }
```

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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