

Converting Colors

$Y_{xy}(28.7736, 0.4479, 0.2820)$

Have a look what the booklet for
Yxy(28.7736, 0.4479, 0.2820)
contains.

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Color

Yxy(28.9259, 0.4481, 0.2825)

Conversions

Conversions Part 1

Format	Color
Hex	F45D8B
RGB	244, 93, 139
RGB Percent	96%, 36%, 55%
CMY	0.0431, 0.6353, 0.4550
CMYK	0.00, 0.62, 0.43, 0.04
HSL	342°, 87%, 66%
HSV	342°, 62%, 96%
XYZ	45.8821, 28.9259, 27.5846
YIQ	143.3930, 75.2300, 46.3180

Conversions

Conversions Part 2

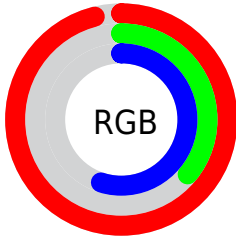
Format	Color
R_{YB}	244, 93, 139
Decimal	16014731
CIE _{Lab}	60.72, 61.55, 5.72
CIE _{LCh}	61, 61.820, 5.307
Yxy	28.9259, 0.4481, 0.2825
Android (android.graphics.Color)	4294204811 (0xFFFF45D8B)
YUV	143.3930, -2.1657, 88.2323
Hunter-Lab	53.7828, 58.1584, 7.2388

Details

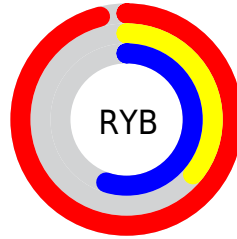
The Yxy color **28.9259, 0.4481, 0.2825** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **71.1082, 0.2574, 0.3889**, and the grayscale version is **27.6211, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.8785, 0.3755, 0.2855**, and **11.6673, 0.4949, 0.2652** is the 20% darker color. If you saturate the color by 10%, you get **24.8472, 0.4838, 0.2801**, and if you desaturate by 10%, it is **34.4506, 0.4156, 0.2880**.

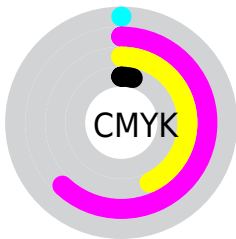
Distribution



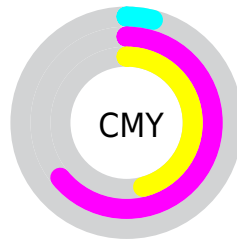
- Red (96%)
- Green (36%)
- Blue (55%)



- Red (96%)
- Yellow (36%)
- Blue (55%)



- Cyan (0%)
- Magenta (62%)
- Yellow (43%)
- Black (4%)





- Cyan (4%)
- Magenta (64%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.9259, 0.4481, 0.2825 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 28.9259, 0.4481, 0.2825 by changing the saturation by 10% instead.


 28.9259, 0.4481,
0.2825


 28.9259, 0.4481,
0.2825


296.8652, 0.3752,
0.3085


 19.0248, 0.4679,
0.2751


 57.9593, 0.4204,
0.2926

 11.6882, 0.4941,
0.2650

 77.8604, 0.4104,
0.2962

 6.5317, 0.5304,
0.2507

 101.8636, 0.4020,
0.2992

 3.1710, 0.5833,
0.2290

 130.3534, 0.3950,
0.3017

 1.2217, 0.6650,
0.1936

163.7140, 0.3890,
0.3038

 0.0793, 0.9581,
0.0419

202.3299, 0.3838,

 0.0000, 1.0000,

0.3056

0.0000

246.5855, 0.3792,
0.3071

■ 0.0000, 0.0000,
0.0000

■ 28.9259, 0.4481,
0.2825

■ 28.9259, 0.4481,
0.2825

■ 24.8472, 0.4838,
0.2801

■ 34.4506, 0.4156,
0.2880

■ 22.0712, 0.5205,
0.2818

■ 41.5373, 0.3874,
0.2953


■ 20.4327, 0.5548,
0.2883


■ 50.2957, 0.3636,
0.3034

■ 19.7316, 0.5790,
0.2963

■ 60.8240, 0.3440,
0.3118

■ 73.2129, 0.3279,
0.3199

 87.5468, 0.3149,
0.3276

 97.9733, 0.3060,
0.3290

Harmonies

Analogous

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



28.9259, 0.3474, 0.2283



28.9259, 0.4481, 0.2825



28.9259, 0.5055, 0.3474

Triad

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



28.9259, 0.4481, 0.2825



28.9259, 0.3491, 0.5175



28.9259, 0.1522, 0.2044

Complementary

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



28.9259, 0.4481, 0.2825



71.1082, 0.2574, 0.3889

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.



28.9259, 0.1518, 0.2625



28.9259, 0.4481, 0.2825



28.9259, 0.2576, 0.4737

Square

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



28.9259, 0.4481, 0.2825



28.9259, 0.4361, 0.4835



28.9259, 0.1864, 0.3638



28.9259, 0.1844, 0.1843

Rectangle

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



28.9259, 0.4481, 0.2825



28.9259, 0.5065, 0.3935



28.9259, 0.1864, 0.3638



28.9259, 0.1485, 0.2190

Sweetspot

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



28.9275, 0.4481, 0.2825



70.9045, 0.3391, 0.3141



26.1232, 0.2733, 0.1658



14.3824, 0.3440, 0.3118



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.



28.9275, 0.4481, 0.2825



26.6406, 0.4923, 0.2800



33.6238, 0.4896, 0.3572



16.5656, 0.3246, 0.3218



10.7501, 0.5748, 0.2940



0.9624, 0.5394, 0.2745

Inverse Universe

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



28.9275, 0.4481, 0.2825



26.6406, 0.4923, 0.2800



58.1350, 0.2297, 0.2936



16.5656, 0.3246, 0.3218



10.7501, 0.5748, 0.2940



0.9624, 0.5394, 0.2745

Previews

White Background



This preview shows how the Yxy color 28.9259, 0.4481, 0.2825 looks on a white background.

Color Contrast Check

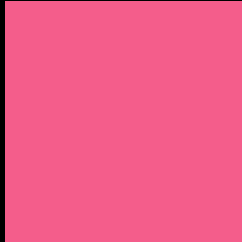
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.9259, 0.4481, 0.2825 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 28.9259, 0.4481, 0.2825

Background



This preview shows how black text looks on a background with the Yxy color 28.9259, 0.4481, 0.2825.



This preview shows how white text looks on a background with the Yxy color 28.9259, 0.4481, 0.2825.

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

28.9259, 0.4481, 0.2825

Protanopia

29.2620, 0.2886, 0.2935

Deuteranopia

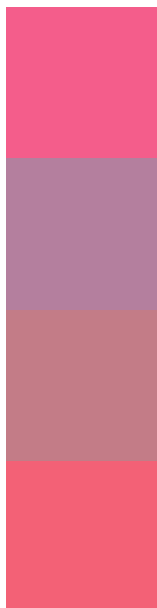
29.2274, 0.3507, 0.3442



Tritanopia

29.0322, 0.4878, 0.3235

Trichromacy



Original Color

28.9259, 0.4481, 0.2825

Protanomaly

27.3507, 0.3400, 0.2854

Deuteranomaly

27.7667, 0.3859, 0.3143

Tritanomaly

28.9121, 0.4745, 0.3083

Monochromacy



Original Color

28.9259, 0.4481, 0.2825

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.3235, 0.3592, 0.3047

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.9259, 0.4481, 0.2825 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(244, 93, 139)` looks like.

```
.text, #text, p{  
    color:rgb(244, 93, 139)  
}
```

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(244, 93, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 93, 139) }
```

Border

The CSS property to change the border of an element to Yxy 28.9259, 0.4481, 0.2825 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(244, 93, 139) }
```

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

```
.border{ border-color:rgb(244, 93, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 93, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 93, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 93, 139);  
box-shadow:4px 4px 4px 4px rgb(244, 93,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 28.9259, 0.4481, 0.2825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 93, 139) }
```

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

```
.background{ background-color: rgb(244, 93,  
139) }
```

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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