

Converting Colors

$Y_{xy}(28.9507, 0.4517, 0.2918)$

Have a look what the booklet for
Yxy(28.9507, 0.4517, 0.2918)
contains.

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Color

Yxy(28.9436, 0.4517, 0.2919)

Conversions

Conversions Part 1

Format	Color
Hex	F16185
RGB	241, 97, 133
RGB Percent	95%, 38%, 52%
CMY	0.0548, 0.6196, 0.4784
CMYK	0.00, 0.60, 0.45, 0.05
HSL	345°, 84%, 66%
HSV	345°, 60%, 95%
XYZ	44.7887, 28.9436, 25.4236
YIQ	144.1600, 74.2680, 41.7240

Conversions

Conversions Part 2

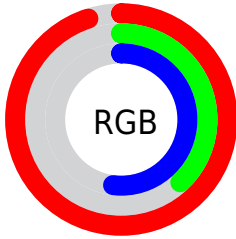
Format	Color
R_{YB}	241, 97, 133
Decimal	15819141
CIE _{Lab}	60.73, 58.35, 9.14
CIE _{LCh}	61, 59.058, 8.903
Yxy	28.9436, 0.4517, 0.2919
Android (android.graphics.Color)	4294009221 (0xFFFF16185)
YUV	144.1600, -5.5019, 84.9287
Hunter-Lab	53.7993, 54.4553, 9.6412

Details

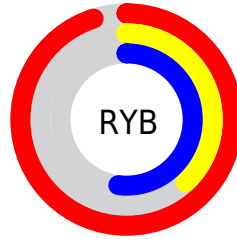
The Yxy color **28.9436, 0.4517, 0.2919** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **69.8670, 0.2549, 0.3756**, and the grayscale version is **27.9579, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.5876, 0.3808, 0.2947**, and **11.6665, 0.4987, 0.2759** is the 20% darker color. If you saturate the color by 10%, you get **24.6906, 0.4899, 0.2898**, and if you desaturate by 10%, it is **34.6380, 0.4172, 0.2966**.

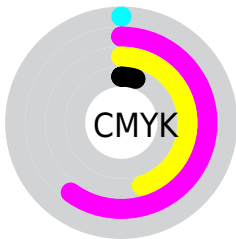
Distribution



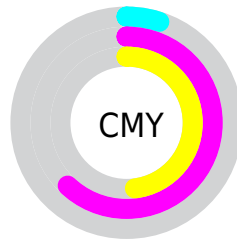
- Red (95%)
- Green (38%)
- Blue (52%)



- Red (95%)
- Yellow (38%)
- Blue (52%)



- Cyan (0%)
- Magenta (60%)
- Yellow (45%)
- Black (5%)




- Cyan (5%)
- Magenta (62%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.9436, 0.4517, 0.2919 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 28.9436, 0.4517, 0.2919 by changing the saturation by 10% instead.


 28.9436, 0.4517,
0.2919


 28.9436, 0.4517,
0.2919


296.9488, 0.3766,
0.3135

 19.0382, 0.4721,
0.2854


 57.9875, 0.4231,
0.3005


 11.6979, 0.4993,
0.2764

 77.8947, 0.4128,
0.3035

 6.5383, 0.5369,
0.2633


 101.9046, 0.4042,
0.3060

 3.1751, 0.5915,
0.2428

 130.4016, 0.3970,
0.3080

 1.2238, 0.6792,
0.2090

163.7702, 0.3908,
0.3097

 0.0810, 0.9542,
0.0458

202.3946, 0.3854,


 0.0000, 1.0000,


0.3112


0.0000


246.6593, 0.3807,
0.3124

 0.0000, 0.0000,
0.0000


 28.9436, 0.4517,
0.2919


 28.9436, 0.4517,
0.2919


 24.6906, 0.4899,
0.2898


 34.6380, 0.4172,
0.2966

 21.7430, 0.5294,
0.2912


 41.8844, 0.3874,
0.3027


 19.9469, 0.5660,
0.2969

 50.7875, 0.3627,
0.3095

 19.0500, 0.5961,
0.3059

 61.4419, 0.3423,
0.3163

 19.0326, 0.5968,
0.3061

 73.9348, 0.3258,
0.3229

■ 88.3478, 0.3124,
0.3291

■ 97.4433, 0.3042,
0.3290

Harmonies

Analogous

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



28.9436, 0.3583, 0.2374



28.9436, 0.4517, 0.2919



28.9436, 0.4997, 0.3559

Triad

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



28.9436, 0.4517, 0.2919



28.9436, 0.3380, 0.5082



28.9436, 0.1598, 0.2052

Complementary

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



28.9436, 0.4517, 0.2919



69.8670, 0.2549, 0.3756

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.



28.9436, 0.1559, 0.2569



28.9436, 0.4517, 0.2919



28.9436, 0.2508, 0.4558

Square

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



28.9436, 0.4517, 0.2919



28.9436, 0.4234, 0.4845



28.9436, 0.1856, 0.3495



28.9436, 0.1950, 0.1890

Rectangle

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



28.9436, 0.4517, 0.2919



28.9436, 0.4963, 0.4008



28.9436, 0.1856, 0.3495



28.9436, 0.1550, 0.2180

Sweetspot

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



28.9452, 0.4517, 0.2919



72.1082, 0.3393, 0.3175



27.5412, 0.2820, 0.1739



14.6101, 0.3446, 0.3155



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.



28.9452, 0.4517, 0.2919



27.1096, 0.4997, 0.2898



35.6907, 0.4748, 0.3644



15.8237, 0.3254, 0.3231



10.3377, 0.5928, 0.3040



0.8754, 0.5559, 0.2836

Inverse Universe

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



28.9452, 0.4517, 0.2919



27.1096, 0.4997, 0.2898



53.7167, 0.2296, 0.2853



15.8237, 0.3254, 0.3231



10.3377, 0.5928, 0.3040



0.8754, 0.5559, 0.2836

Previews

White Background



This preview shows how the Yxy color 28.9436, 0.4517, 0.2919 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 28.9436, 0.4517, 0.2919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

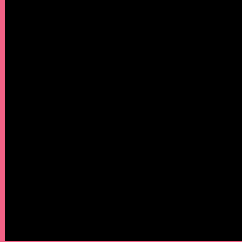
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.9436, 0.4517, 0.2919

Background



This preview shows how black text looks on a background with the Yxy color 28.9436, 0.4517, 0.2919.



This preview shows how white text looks on a background with the Yxy color 28.9436, 0.4517, 0.2919.

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

28.9436, 0.4517, 0.2919

Protanopia

29.2068, 0.2995, 0.3072

Deuteranopia

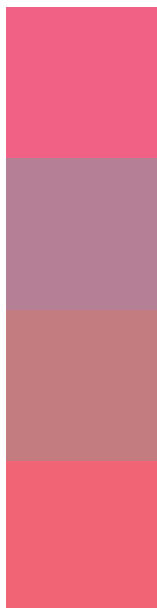
28.8809, 0.3587, 0.3519



Tritanopia

28.9362, 0.4811, 0.3233

Trichromacy



Original Color

28.9436, 0.4517, 0.2919

Protanomaly

27.4641, 0.3501, 0.2979

Deuteranomaly

27.8543, 0.3930, 0.3238

Tritanomaly

28.9240, 0.4713, 0.3119

Monochromacy



Original Color

28.9436, 0.4517, 0.2919

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

26.6559, 0.3599, 0.3103

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.9436, 0.4517, 0.2919 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(241, 97, 133)` looks like.

```
.text, #text, p{  
    color:rgb(241, 97, 133)  
}
```

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(241, 97, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 97, 133) }
```

Border

The CSS property to change the border of an element to Yxy 28.9436, 0.4517, 0.2919 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(241, 97, 133) }
```

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

```
.border{ border-color:rgb(241, 97, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 97, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 97, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 97, 133);  
box-shadow:4px 4px 4px 4px rgb(241, 97,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 28.9436, 0.4517, 0.2919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 97, 133) }
```

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

```
.background{ background-color: rgb(241, 97,  
133) }
```

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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