

Converting Colors

$Y_{xy}(28.6017, 0.4728, 0.2954)$

Have a look what the booklet for
Yxy(28.6017, 0.4728, 0.2954)
contains.

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Color

Yxy(28.5672, 0.4723, 0.2951)

Conversions

Conversions Part 1

Format	Color
Hex	F75A7D
RGB	247, 90, 125
RGB Percent	97%, 35%, 49%
CMY	0.0313, 0.6471, 0.5097
CMYK	0.00, 0.64, 0.49, 0.03
HSL	347°, 91%, 66%
HSV	347°, 64%, 97%
XYZ	45.7211, 28.5672, 22.5169
YIQ	140.9330, 82.3370, 44.1690

Conversions

Conversions Part 2

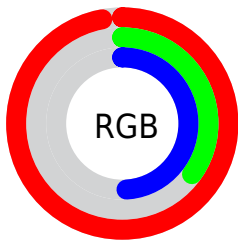
Format	Color
R _Y B	247, 90, 125
Decimal	16210557
CIE Lab	60.40, 62.47, 13.45
CIE LCh	60, 63.899, 12.150
Yxy	28.5672, 0.4723, 0.2951
Android (android.graphics.Color)	4294400637 (0xFFFF75A7D)
YUV	140.9330, -7.8550, 93.0208
Hunter-Lab	53.4483, 59.1591, 12.4359

Details

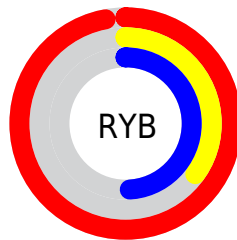
The Yxy color **28.5672, 0.4723, 0.2951** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **73.4554, 0.2510, 0.3735**, and the grayscale version is **26.6156, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.3018, 0.3919, 0.2978**, and **11.4489, 0.5276, 0.2794** is the 20% darker color. If you saturate the color by 10%, you get **24.6278, 0.5128, 0.2947**, and if you desaturate by 10%, it is **33.9882, 0.4346, 0.2983**.

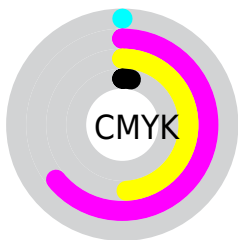
Distribution



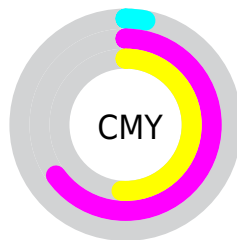
- Red (97%)
- Green (35%)
- Blue (49%)



- Red (97%)
- Yellow (35%)
- Blue (49%)



- Cyan (0%)
- Magenta (64%)
- Yellow (49%)
- Black (3%)




- Cyan (3%)
- Magenta (65%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.5672, 0.4723, 0.2951 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 28.5672, 0.4723, 0.2951 by changing the saturation by 10% instead.

 28.5672, 0.4723,
0.2951


 28.5672, 0.4723,
0.2951


295.1674, 0.3859,
0.3161

 18.7537, 0.4957,
0.2884


 57.3887, 0.4395,
0.3038


 11.4924, 0.5266,
0.2790


 77.1655, 0.4276,
0.3067

 6.3991, 0.5691,
0.2649


 101.0322, 0.4177,
0.3090

 3.0892, 0.6296,
0.2424

 129.3731, 0.4093,
0.3110

 1.1785, 0.7362,
0.2084

162.5727, 0.4022,
0.3126

 0.0440, 0.9761,
0.0239

201.0153, 0.3960,

 0.0000, 1.0000,

0.3139


0.0000


245.0854, 0.3907,
0.3151


 0.0000, 0.0000,
0.0000

 28.5672, 0.4723,
0.2951

 28.5672, 0.4723,
0.2951


 24.6278, 0.5128,
0.2947


 33.9882, 0.4346,
0.2983


 22.0167, 0.5527,
0.2979

 41.0148, 0.4016,
0.3033


 20.5548, 0.5872,
0.3050


 49.7634, 0.3738,
0.3092

 20.0538, 0.6050,
0.3107

 60.3380, 0.3510,
0.3153

 72.8346, 0.3324,
0.3214

 87.3422, 0.3173,
0.3271

 98.5168, 0.3078,
0.3290

Harmonies

Analogous

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



28.5672, 0.3736, 0.2364



28.5672, 0.4723, 0.2951



28.5672, 0.5160, 0.3628

Triad

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



28.5672, 0.4723, 0.2951



28.5672, 0.3272, 0.5232



28.5672, 0.1523, 0.1926

Complementary

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



28.5672, 0.4723, 0.2951



73.4554, 0.2510, 0.3735

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.



28.5672, 0.1443, 0.2420



28.5672, 0.4723, 0.2951



28.5672, 0.2355, 0.4573

Square

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



28.5672, 0.4723, 0.2951



28.5672, 0.4200, 0.5008



28.5672, 0.1707, 0.3375



28.5672, 0.1927, 0.1798

Rectangle

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



28.5672, 0.4723, 0.2951



28.5672, 0.5062, 0.4105



28.5672, 0.1707, 0.3375



28.5672, 0.1461, 0.2044

Sweetspot

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



28.5688, 0.4723, 0.2951



70.6965, 0.3420, 0.3181



27.7836, 0.2843, 0.1676



14.3328, 0.3476, 0.3164



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.



28.5688, 0.4723, 0.2951



25.6275, 0.5233, 0.2951



36.9801, 0.4860, 0.3710



16.5431, 0.3258, 0.3237



10.6218, 0.6012, 0.3085



0.9484, 0.5670, 0.2897

Inverse Universe

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



28.5688, 0.4723, 0.2951



25.6275, 0.5233, 0.2951



52.6195, 0.2240, 0.2749



16.5431, 0.3258, 0.3237



10.6218, 0.6012, 0.3085



0.9484, 0.5670, 0.2897

Previews

White Background



This preview shows how the Yxy color 28.5672, 0.4723, 0.2951 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 28.5672, 0.4723, 0.2951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

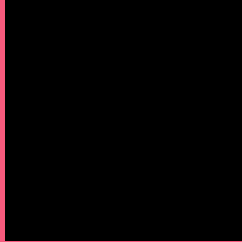
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.5672, 0.4723, 0.2951

Background



This preview shows how black text looks on a background with the Yxy color 28.5672, 0.4723, 0.2951.



This preview shows how white text looks on a background with the Yxy color 28.5672, 0.4723, 0.2951.

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

28.5672, 0.4723, 0.2951

Protanopia

28.6949, 0.3051, 0.3148

Deuteranopia

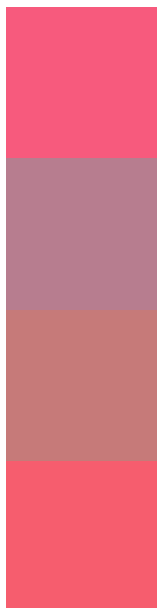
28.6102, 0.3701, 0.3624



Tritanopia

28.7168, 0.5012, 0.3238

Trichromacy



Original Color

28.5672, 0.4723, 0.2951

Protanomaly

26.7177, 0.3616, 0.3036

Deuteranomaly

27.3053, 0.4080, 0.3306

Tritanomaly

28.5473, 0.4906, 0.3131

Monochromacy



Original Color

28.5672, 0.4723, 0.2951

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

25.3716, 0.3688, 0.3103

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.5672, 0.4723, 0.2951 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(247, 90, 125)` looks like.

```
.text, #text, p{  
    color:rgb(247, 90, 125)  
}
```

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(247, 90, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 90, 125) }
```

Border

The CSS property to change the border of an element to Yxy 28.5672, 0.4723, 0.2951 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(247, 90, 125) }
```

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

```
.border{ border-color:rgb(247, 90, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 90, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 90, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 90, 125);  
box-shadow:4px 4px 4px 4px rgb(247, 90,  
125) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 28.5672, 0.4723, 0.2951$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 90, 125) }
```

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

```
.background{ background-color: rgb(247, 90,  
125) }
```

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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