

Converting Colors

$Y_{xy}(28.0915, 0.4213, 0.2651)$

Have a look what the booklet for
Yxy(28.0915, 0.4213, 0.2651)
contains.

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Color

Yxy(27.9587, 0.4212, 0.2646)

Conversions

Conversions Part 1

Format	Color
Hex	ED5C99
RGB	237, 92, 153
RGB Percent	93%, 36%, 60%
CMY	0.0706, 0.6392, 0.3999
CMYK	0.00, 0.61, 0.35, 0.07
HSL	335°, 80%, 65%
HSV	335°, 61%, 93%
XYZ	44.5057, 27.9587, 33.1996
YIQ	142.3090, 66.8390, 49.7110

Conversions

Conversions Part 2

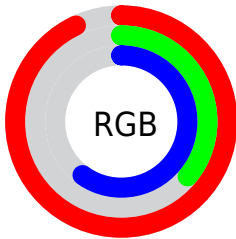
Format	Color
R _Y B	237, 92, 153
Decimal	15555737
CIE Lab	59.85, 61.32, -3.83
CIE LCh	60, 61.440, 356.421
Yxy	27.9587, 0.4212, 0.2646
Android (android.graphics.Color)	4293745817 (0xFFED5C99)
YUV	142.3090, 5.2707, 83.0440
Hunter-Lab	52.8760, 57.7104, -0.2137

Details

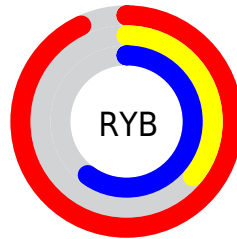
The Yxy color **27.9587, 0.4212, 0.2646** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **65.9816, 0.2657, 0.4122**, and the grayscale version is **27.1383, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.2599, 0.3607, 0.2695**, and **11.1852, 0.4581, 0.2443** is the 20% darker color. If you saturate the color by 10%, you get **24.0488, 0.4496, 0.2593**, and if you desaturate by 10%, it is **33.2076, 0.3954, 0.2731**.

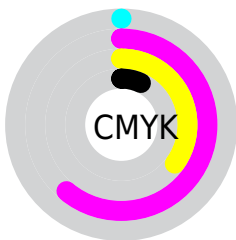
Distribution



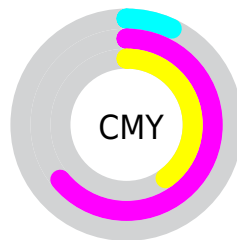
- Red (93%)
- Green (36%)
- Blue (60%)



- Red (93%)
- Yellow (36%)
- Blue (60%)



- Cyan (0%)
- Magenta (61%)
- Yellow (35%)
- Black (7%)




- Cyan (7%)
- Magenta (64%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.9587, 0.4212, 0.2646 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 27.9587, 0.4212, 0.2646 by changing the saturation by 10% instead.


 27.9587, 0.4212,
0.2646


 27.9587, 0.4212,
0.2646


292.2695, 0.3632,
0.2985


 18.2945, 0.4369,
0.2556


 56.4185, 0.3992,
0.2773

 11.1617, 0.4577,
0.2438


 75.9829, 0.3912,
0.2820

 6.1757, 0.4867,
0.2276


 99.6162, 0.3846,
0.2859

 2.9522, 0.5292,
0.2043

 127.7028, 0.3790,
0.2892

 1.1068, 0.5966,
0.1685

160.6270, 0.3742,
0.2920

 0.0000, 0.8688,
0.0000

198.7732, 0.3700,

 0.0000, 1.0000,

0.2945

0.0000

242.5260, 0.3664,
0.2966

0.0000, 0.0000,
0.0000

27.9587, 0.4212,
0.2646

27.9587, 0.4212,
0.2646

24.0488, 0.4496,
0.2593

33.2076, 0.3954,
0.2731

21.3472, 0.4795,
0.2585

39.9011, 0.3730,
0.2834

19.7048, 0.5088,
0.2631


48.1392, 0.3539,
0.2947

18.9212, 0.5330,
0.2710

58.0117, 0.3379,
0.3061

69.6014, 0.3247,
0.3173

 82.9857, 0.3139,
0.3278

 96.3721, 0.3050,
0.3348

 96.7459, 0.3017,
0.3290

Harmonies

Analogous

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



27.9587, 0.3164, 0.2152



27.9587, 0.4212, 0.2646



27.9587, 0.4962, 0.3274

Triad

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



27.9587, 0.4212, 0.2646



27.9587, 0.3764, 0.5147



27.9587, 0.1481, 0.2166

Complementary

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



27.9587, 0.4212, 0.2646



65.9816, 0.2657, 0.4122

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.



27.9587, 0.1575, 0.2881



27.9587, 0.4212, 0.2646



27.9587, 0.2835, 0.4971

Square

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



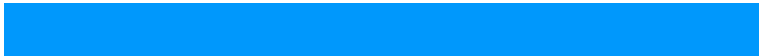
27.9587, 0.4212, 0.2646



27.9587, 0.4584, 0.4657



27.9587, 0.2034, 0.3991



27.9587, 0.1709, 0.1863

Rectangle

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



27.9587, 0.4212, 0.2646



27.9587, 0.5107, 0.3728



27.9587, 0.2034, 0.3991



27.9587, 0.1475, 0.2354

Sweetspot

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



27.9602, 0.4212, 0.2646



72.5347, 0.3335, 0.3096



22.7864, 0.2578, 0.1605



14.7130, 0.3376, 0.3064



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.



27.9602, 0.4212, 0.2646



27.6106, 0.4559, 0.2588



28.2151, 0.4999, 0.3392



15.1592, 0.3227, 0.3191



10.3544, 0.5289, 0.2687



0.8319, 0.4933, 0.2491

Inverse Universe

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



27.9602, 0.4212, 0.2646



27.6106, 0.4559, 0.2588



63.5145, 0.2355, 0.3165



15.1592, 0.3227, 0.3191



10.3544, 0.5289, 0.2687



0.8319, 0.4933, 0.2491

Previews

White Background



This preview shows how the Yxy color 27.9587, 0.4212, 0.2646 looks on a white background.

Color Contrast Check

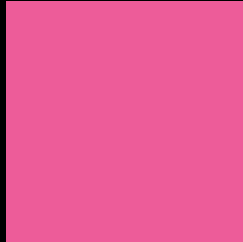
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.9587, 0.4212, 0.2646 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 27.9587, 0.4212, 0.2646

Background



This preview shows how black text looks on a background with the Yxy color 27.9587, 0.4212, 0.2646.



This preview shows how white text looks on a background with the Yxy color 27.9587, 0.4212, 0.2646.

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

27.9587, 0.4212, 0.2646

Protanopia

28.2584, 0.2661, 0.2637

Deuteranopia

28.1006, 0.3262, 0.3198



Tritanopia

28.0779, 0.4763, 0.3231

Trichromacy



Original Color

27.9587, 0.4212, 0.2646



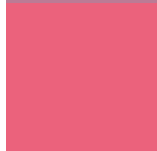
Protanomaly

26.1292, 0.3127, 0.2582



Deuteranomaly

26.9006, 0.3595, 0.2931



Tritanomaly

27.8528, 0.4577, 0.3016

Monochromacy



Original Color

27.9587, 0.4212, 0.2646



Achromatopsia

27.0498, 0.3127, 0.3290



Achromatomaly

25.8377, 0.3511, 0.2972

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.9587, 0.4212, 0.2646 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(237, 92, 153)` looks like.

```
.text, #text, p{  
    color:rgb(237, 92, 153)  
}
```

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(237, 92, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 92, 153) }
```

Border

The CSS property to change the border of an element to Yxy 27.9587, 0.4212, 0.2646 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(237, 92, 153) }
```

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

```
.border{ border-color:rgb(237, 92, 153) }
```

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

Here you see how a box with a 4 pixel rgb(237, 92, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 92, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 92, 153);  
box-shadow:4px 4px 4px 4px rgb(237, 92,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 27.9587, 0.4212, 0.2646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 92, 153) }
```

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

```
.background{ background-color: rgb(237, 92,  
153) }
```

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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