

Converting Colors

$Y_{xy}(27.9888, 0.4171, 0.2616)$

Have a look what the booklet for
Yxy(27.9888, 0.4171, 0.2616)
contains.

Yxy(28.0591, 0.4170, 0.2614)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(28.0591, 0.4170, 0.2614)

Conversions

Conversions Part 1

Format	Color
Hex	ED5C9C
RGB	237, 92, 156
RGB Percent	93%, 36%, 61%
CMY	0.0705, 0.6393, 0.3881
CMYK	0.00, 0.61, 0.34, 0.07
HSL	334°, 80%, 65%
HSV	334°, 61%, 93%
XYZ	44.7615, 28.0591, 34.5211
YIQ	142.6510, 65.8760, 50.6440

Conversions

Conversions Part 2

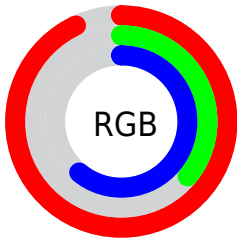
Format	Color
R _Y B	237, 92, 156
Decimal	15555740
CIE Lab	59.94, 61.67, -5.44
CIE LCh	60, 61.911, 354.958
Yxy	28.0591, 0.4170, 0.2614
Android (android.graphics.Color)	4293745820 (0xFFED5C9C)
YUV	142.6510, 6.5811, 82.7441
Hunter-Lab	52.9708, 58.1372, -1.5597

Details

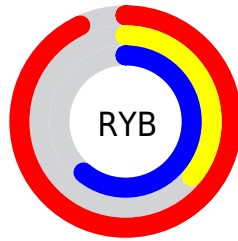
The Yxy color **28.0591, 0.4170, 0.2614** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **65.8744, 0.2671, 0.4166**, and the grayscale version is **27.2738, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.4080, 0.3578, 0.2666**, and **11.1975, 0.4517, 0.2397** is the 20% darker color. If you saturate the color by 10%, you get **24.1534, 0.4442, 0.2557**, and if you desaturate by 10%, it is **33.3005, 0.3924, 0.2704**.

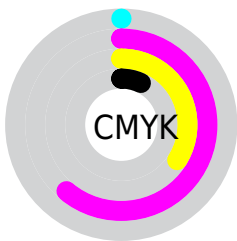
Distribution



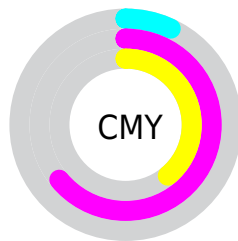
- Red (93%)
- Green (36%)
- Blue (61%)



- Red (93%)
- Yellow (36%)
- Blue (61%)



- Cyan (0%)
- Magenta (61%)
- Yellow (34%)
- Black (7%)





- Cyan (7%)
- Magenta (64%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.0591, 0.4170, 0.2614 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 28.0591, 0.4170, 0.2614 by changing the saturation by 10% instead.


 28.0591, 0.4170,
0.2614


 28.0591, 0.4170,
0.2614


292.7492, 0.3614,
0.2967


 18.3702, 0.4320,
0.2522


 56.5788, 0.3960,
0.2746


 11.2161, 0.4518,
0.2400


 76.1784, 0.3884,
0.2794

 6.2124, 0.4793,
0.2236


 99.8503, 0.3820,
0.2835

 2.9747, 0.5196,
0.2000

 127.9790, 0.3766,
0.2869

 1.1185, 0.5832,
0.1643

160.9489, 0.3720,
0.2899

 0.0000, 0.8186,
0.0000

199.1442, 0.3680,

 0.0000, 1.0000,

0.2925

0.0000

242.9496, 0.3645,
0.2947

0.0000, 0.0000,
0.0000

28.0591, 0.4170,
0.2614

28.0591, 0.4170,
0.2614

24.1534, 0.4442,
0.2557

33.3005, 0.3924,
0.2704

21.4532, 0.4727,
0.2545

39.9832, 0.3708,
0.2812


19.8091, 0.5009,
0.2586


48.2070, 0.3525,
0.2930

19.0223, 0.5243,
0.2662

58.0616, 0.3371,
0.3050

69.6296, 0.3243,
0.3167

 82.9883, 0.3138,
0.3277

 96.3488, 0.3053,
0.3352

 96.7492, 0.3017,
0.3290

Harmonies

Analogous

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



28.0591, 0.3113, 0.2127



28.0591, 0.4170, 0.2614



28.0591, 0.4951, 0.3240

Triad

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



28.0591, 0.4170, 0.2614



28.0591, 0.3810, 0.5145



28.0591, 0.1470, 0.2184

Complementary

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



28.0591, 0.4170, 0.2614



65.8744, 0.2671, 0.4166

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.



28.0591, 0.1581, 0.2924



28.0591, 0.4170, 0.2614



28.0591, 0.2876, 0.5013

Square

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



28.0591, 0.4170, 0.2614



28.0591, 0.4624, 0.4630



28.0591, 0.2060, 0.4054



28.0591, 0.1683, 0.1862

Rectangle

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



28.0591, 0.4170, 0.2614



28.0591, 0.5118, 0.3694



28.0591, 0.2060, 0.4054



28.0591, 0.1470, 0.2379

Sweetspot

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



28.0606, 0.4170, 0.2614



72.5878, 0.3328, 0.3087



22.5090, 0.2555, 0.1594



14.7259, 0.3368, 0.3053



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.



28.0606, 0.4170, 0.2614



27.7338, 0.4501, 0.2550



27.7485, 0.5018, 0.3368



15.1646, 0.3224, 0.3186



10.4082, 0.5203, 0.2640



0.8364, 0.4858, 0.2450

Inverse Universe

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



28.0606, 0.4170, 0.2614



27.7338, 0.4501, 0.2550



64.8584, 0.2362, 0.3196



15.1646, 0.3224, 0.3186



10.4082, 0.5203, 0.2640



0.8364, 0.4858, 0.2450

Previews

White Background



This preview shows how the Yxy color 28.0591, 0.4170, 0.2614 looks on a white background.

Color Contrast Check

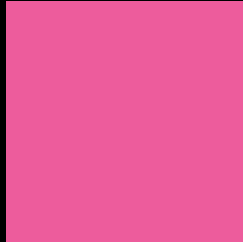
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0591, 0.4170, 0.2614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

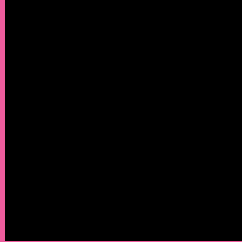
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.0591, 0.4170, 0.2614

Background



This preview shows how black text looks on a background with the Yxy color 28.0591, 0.4170, 0.2614.



This preview shows how white text looks on a background with the Yxy color 28.0591, 0.4170, 0.2614.

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

28.0591, 0.4170, 0.2614

Protanopia

28.2246, 0.2621, 0.2593

Deuteranopia

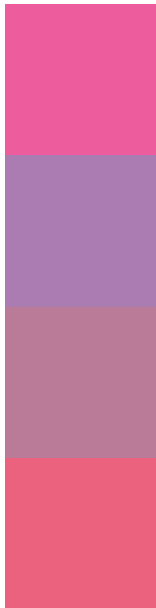
28.0942, 0.3220, 0.3152



Tritanopia

27.9305, 0.4740, 0.3220

Trichromacy



Original Color

28.0591, 0.4170, 0.2614

Protanomaly

26.1357, 0.3085, 0.2542

Deuteranomaly

26.8720, 0.3547, 0.2889

Tritanomaly

27.7341, 0.4539, 0.2993

Monochromacy



Original Color

28.0591, 0.4170, 0.2614

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

25.9005, 0.3487, 0.2944

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.0591, 0.4170, 0.2614 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, 156)` looks like.

```
.text, #text, p{  
    color:rgb(237, 92, 156)  
}
```

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, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 92, 156) }
```

Border

The CSS property to change the border of an element to Yxy 28.0591, 0.4170, 0.2614 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, 156) }
```

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

```
.border{ border-color:rgb(237, 92, 156) }
```

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, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 92, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 92, 156);  
box-shadow:4px 4px 4px 4px rgb(237, 92,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 28.0591, 0.4170, 0.2614 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, 156) }
```

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

```
.background{ background-color: rgb(237, 92,  
156) }
```

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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