

Converting Colors

$Y_{xy}(27.0364, 0.3284, 0.1813)$

Have a look what the booklet for
Yxy(27.0364, 0.3284, 0.1813)
contains.

Yxy(27.0441, 0.3284, 0.1813)	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(27.0441, 0.3284, 0.1813)

Conversions

Conversions Part 1

Format	Color
Hex	E847E0
RGB	232, 71, 224
RGB Percent	91%, 28%, 88%
CMY	0.0901, 0.7216, 0.1217
CMYK	0.00, 0.69, 0.03, 0.09
HSL	303°, 78%, 59%
HSV	303°, 69%, 91%
XYZ	48.9867, 27.0441, 73.1369
YIQ	136.5810, 46.8430, 81.7150

Conversions

Conversions Part 2

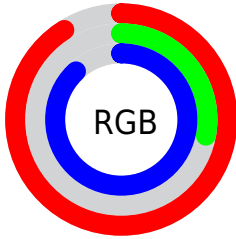
Format	Color
R _Y B	232, 71, 224
Decimal	15222752
CIE Lab	59.02, 77.54, -45.82
CIE LCh	59, 90.066, 329.421
Yxy	27.0441, 0.3284, 0.1813
Android (android.graphics.Color)	4293412832 (0xFFE847E0)
YUV	136.5810, 43.0976, 83.6825
Hunter-Lab	52.0039, 77.1365, -46.9811

Details

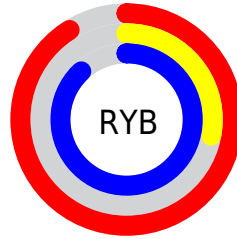
The Yxy color **27.0441, 0.3284, 0.1813** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **59.6272, 0.2997, 0.5436**, and the grayscale version is **24.6724, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.9825, 0.3182, 0.2119**, and **11.5978, 0.3268, 0.1574** is the 20% darker color. If you saturate the color by 10%, you get **24.5736, 0.3305, 0.1705**, and if you desaturate by 10%, it is **30.6434, 0.3261, 0.1963**.

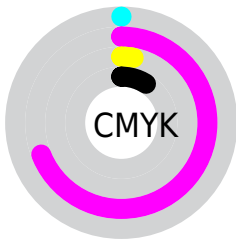
Distribution



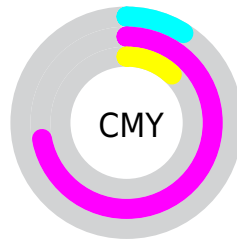
- Red (91%)
- Green (28%)
- Blue (88%)



- Red (91%)
- Yellow (28%)
- Blue (88%)



- Cyan (0%)
- Magenta (69%)
- Yellow (3%)
- Black (9%)



- Cyan (9%)
- Magenta (72%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.0441, 0.3284, 0.1813 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 27.0441, 0.3284, 0.1813 by changing the saturation by 10% instead.

 27.0441, 0.3284,
0.1813


 27.0441, 0.3284,
0.1813


287.8706, 0.3241,
0.2500

 17.6063, 0.3284,
0.1661


 54.9546, 0.3276,
0.2049


 10.6677, 0.3279,
0.1477


 74.1962, 0.3271,
0.2141

 5.8439, 0.3263,
0.1252


 97.4745, 0.3265,
0.2222

 2.7504, 0.3225,
0.0978

 125.1739, 0.3260,
0.2292

 1.0028, 0.3140,
0.0650

 157.6788, 0.3255,
0.2353

 0.0000, 0.3037,
0.0000

195.3736, 0.3250,

 0.0000, 0.2510,

0.2407

0.0000

238.6428, 0.3245,
0.2456

■ 0.0000, 0.0000,
0.0000

■ 27.0441, 0.3284,
0.1813

■ 27.0441, 0.3284,
0.1813

■ 24.5736, 0.3305,
0.1705

■ 30.6434, 0.3261,
0.1963

■ 23.0919, 0.3323,
0.1641

■ 35.4825, 0.3237,
0.2149


■ 22.3822, 0.3339,
0.1615


■ 41.6633, 0.3213,
0.2362


■ 22.3481, 0.3340,
0.1614

■ 49.2761, 0.3189,
0.2593

■ 58.4034, 0.3167,
0.2832

 69.1216, 0.3145,
0.3071

 81.5016, 0.3126,
0.3304

 94.5757, 0.3109,
0.3510

 94.6423, 0.3103,
0.3498

Harmonies

Analogous

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



27.0441, 0.2021, 0.1447



27.0441, 0.3284, 0.1813



27.0441, 0.4847, 0.2440

Triad

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



27.0441, 0.3284, 0.1813



27.0441, 0.4820, 0.5028



27.0441, 0.1021, 0.2472

Complementary

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



27.0441, 0.3284, 0.1813



59.6272, 0.2997, 0.5436

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.



27.0441, 0.1473, 0.4127



27.0441, 0.3284, 0.1813



27.0441, 0.3644, 0.5961

Square

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



27.0441, 0.3284, 0.1813



27.0441, 0.5693, 0.4025



27.0441, 0.2441, 0.5845



27.0441, 0.0992, 0.1651

Rectangle

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



27.0441, 0.3284, 0.1813



27.0441, 0.5615, 0.2935



27.0441, 0.2441, 0.5845



27.0441, 0.1116, 0.2928

Sweetspot

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



27.0454, 0.3284, 0.1813



70.2922, 0.3170, 0.2791



11.8855, 0.1814, 0.1087



14.3519, 0.3177, 0.2724



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.



27.0454, 0.3284, 0.1813



29.5707, 0.3313, 0.1674



23.7450, 0.4326, 0.2522



14.6021, 0.3146, 0.3070



12.4106, 0.3338, 0.1613



0.9210, 0.3318, 0.1601

Inverse Universe

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



27.0454, 0.3284, 0.1813



29.5707, 0.3313, 0.1674



61.4921, 0.2667, 0.4369



14.6021, 0.3146, 0.3070



12.4106, 0.3338, 0.1613



0.9210, 0.3318, 0.1601

Previews

White Background



This preview shows how the Yxy color 27.0441, 0.3284, 0.1813 looks on a white background.

Color Contrast Check

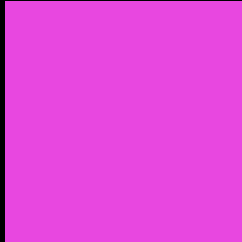
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0441, 0.3284, 0.1813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

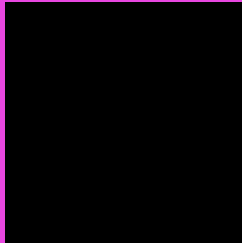
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.0441, 0.3284, 0.1813

Background



This preview shows how black text looks on a background with the Yxy color 27.0441, 0.3284, 0.1813.

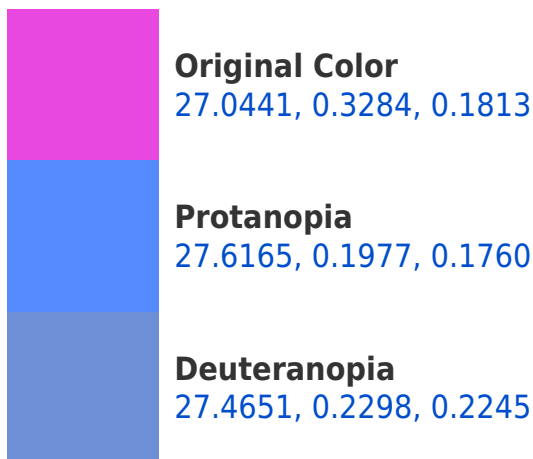


This preview shows how white text looks on a background with the Yxy color 27.0441, 0.3284, 0.1813.

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





Tritanopia

26.9459, 0.4507, 0.3212

Trichromacy



Original Color

27.0441, 0.3284, 0.1813



Protanomaly

23.9696, 0.2260, 0.1650



Deuteranomaly

24.3706, 0.2565, 0.1948



Tritanomaly

26.1858, 0.4047, 0.2612

Monochromacy



Original Color

27.0441, 0.3284, 0.1813



Achromatopsia

25.0158, 0.3127, 0.3290



Achromatomaly

23.4455, 0.3200, 0.2494

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0441, 0.3284, 0.1813 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(232, 71, 224)` looks like.

```
.text, #text, p{  
  color:rgb(232, 71, 224)  
}
```

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(232, 71, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 71, 224) }
```

Border

The CSS property to change the border of an element to Yxy 27.0441, 0.3284, 0.1813 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(232, 71, 224) }
```

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

```
.border{ border-color:rgb(232, 71, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 71, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 71, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 71, 224);  
box-shadow:4px 4px 4px 4px rgb(232, 71,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0441, 0.3284, 0.1813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 71, 224) }
```

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

```
.background{ background-color: rgb(232, 71,  
224) }
```

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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