

Converting Colors

$Y_{xy}(26.7053, 0.4631, 0.3182)$

Have a look what the booklet for
Yxy(26.7053, 0.4631, 0.3182)
contains.

Yxy(26.8413, 0.4629, 0.3183)	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(26.8413, 0.4629, 0.3183)

Conversions

Conversions Part 1

Format	Color
Hex	E26670
RGB	226, 102, 112
RGB Percent	89%, 40%, 44%
CMY	0.1138, 0.5999, 0.5608
CMYK	0.00, 0.55, 0.50, 0.11
HSL	355°, 68%, 64%
HSV	355°, 55%, 89%
XYZ	39.0350, 26.8413, 18.4508
YIQ	140.2160, 70.6940, 29.3980

Conversions

Conversions Part 2

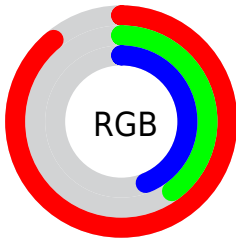
Format	Color
R _Y B	226, 102, 112
Decimal	14837360
CIE Lab	58.83, 49.13, 18.34
CIE LCh	59, 52.437, 20.470
Yxy	26.8413, 0.4629, 0.3183
Android (android.graphics.Color)	4293027440 (0xFFE26670)
YUV	140.2160, -13.9105, 75.2326
Hunter-Lab	51.8086, 43.8251, 15.1509

Details

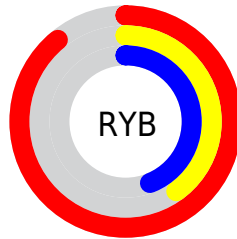
The Yxy color **26.8413, 0.4629, 0.3183** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **62.1661, 0.2479, 0.3419**, and the grayscale version is **26.3510, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.7173, 0.4023, 0.3208**, and **10.5911, 0.5169, 0.3091** is the 20% darker color. If you saturate the color by 10%, you get **22.5782, 0.5078, 0.3177**, and if you desaturate by 10%, it is **32.4245, 0.4227, 0.3198**.

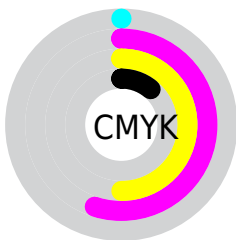
Distribution



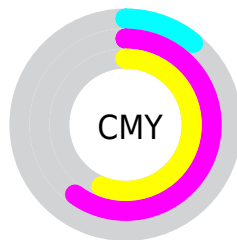
- Red (89%)
- Green (40%)
- Blue (44%)



- Red (89%)
- Yellow (40%)
- Blue (44%)



- Cyan (0%)
- Magenta (55%)
- Yellow (50%)
- Black (11%)




- Cyan (11%)
- Magenta (60%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.8413, 0.4629, 0.3183 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 26.8413, 0.4629, 0.3183 by changing the saturation by 10% instead.


 26.8413, 0.4629,
0.3183


 26.8413, 0.4629,
0.3183


286.8879, 0.3805,
0.3276


 17.4541, 0.4857,
0.3144


 54.6291, 0.4312,
0.3228


 10.5588, 0.5162,
0.3082


 73.7985, 0.4199,
0.3241

 5.7710, 0.5584,
0.2977


 96.9973, 0.4104,
0.3251

 2.7063, 0.6195,
0.2788

 124.6101, 0.4025,
0.3259

 0.9804, 0.7470,
0.2530

157.0211, 0.3958,
0.3264

 0.0000, 1.0000,
0.0000


194.6148, 0.3900,

 0.0000, 0.0000,

0.3269

0.0000


237.7756, 0.3849,
0.3273

 26.8413, 0.4629,
0.3183


 26.8413, 0.4629,
0.3183


 22.5782, 0.5078,
0.3177


 32.4245, 0.4227,
0.3198


 19.5225, 0.5535,
0.3185

 39.4198, 0.3887,
0.3217


 17.5500, 0.5942,
0.3208


 47.9160, 0.3608,
0.3239


 16.5076, 0.6231,
0.3244

 57.9932, 0.3382,
0.3260

 16.2097, 0.6328,
0.3260

 69.7261, 0.3201,
0.3281

 83.1845, 0.3057,
0.3300

 94.9054, 0.2952,
0.3289

Harmonies

Analogous

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



26.8413, 0.3899, 0.2626



26.8413, 0.4629, 0.3183



26.8413, 0.4857, 0.3803

Triad

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



26.8413, 0.4629, 0.3183



26.8413, 0.3058, 0.4809



26.8413, 0.1799, 0.2054

Complementary

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



26.8413, 0.4629, 0.3183



62.1661, 0.2479, 0.3419

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.



26.8413, 0.1649, 0.2408



26.8413, 0.4629, 0.3183



26.8413, 0.2300, 0.4088

Square

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



26.8413, 0.4629, 0.3183



26.8413, 0.3879, 0.4864



26.8413, 0.1809, 0.3124



26.8413, 0.2249, 0.2005

Rectangle

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



26.8413, 0.4629, 0.3183



26.8413, 0.4701, 0.4220



26.8413, 0.1809, 0.3124



26.8413, 0.1716, 0.2135

Sweetspot

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



26.8427, 0.4629, 0.3183



74.4893, 0.3408, 0.3258



29.5431, 0.3084, 0.1951



15.3303, 0.3452, 0.3253



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.



26.8427, 0.4629, 0.3183



28.9526, 0.5151, 0.3177



40.1285, 0.4380, 0.3884



13.7183, 0.3279, 0.3271



9.2564, 0.6309, 0.3249



0.6479, 0.6065, 0.3115

Inverse Universe

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



26.8427, 0.4629, 0.3183



28.9526, 0.5151, 0.3177



38.7165, 0.2283, 0.2569



13.7183, 0.3279, 0.3271



9.2564, 0.6309, 0.3249



0.6479, 0.6065, 0.3115

Previews

White Background



This preview shows how the Yxy color 26.8413, 0.4629, 0.3183 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 26.8413, 0.4629, 0.3183 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 26.8413, 0.4629, 0.3183

Background



This preview shows how black text looks on a background with the Yxy color 26.8413, 0.4629, 0.3183.



This preview shows how white text looks on a background with the Yxy color 26.8413, 0.4629, 0.3183.

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

26.8413, 0.4629, 0.3183

Protanopia

26.8915, 0.3295, 0.3454

Deuteranopia

26.8644, 0.3819, 0.3753



Tritanopia

26.7756, 0.4670, 0.3217

Trichromacy



Original Color

26.8413, 0.4629, 0.3183

Protanomaly

25.8641, 0.3758, 0.3336

Deuteranomaly

26.1894, 0.4116, 0.3517

Tritanomaly

26.7973, 0.4657, 0.3205

Monochromacy



Original Color

26.8413, 0.4629, 0.3183

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.1913, 0.3628, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8413, 0.4629, 0.3183 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(226, 102, 112)` looks like.

```
.text, #text, p{  
    color:rgb(226, 102, 112)  
}
```

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(226, 102, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 102, 112) }
```

Border

The CSS property to change the border of an element to Yxy 26.8413, 0.4629, 0.3183 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(226, 102, 112) }
```

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

```
.border{ border-color:rgb(226, 102, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 102, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 102, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 102, 112);  
box-shadow:4px 4px 4px 4px rgb(226, 102,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8413, 0.4629, 0.3183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 102, 112) }
```

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

```
.background{ background-color: rgb(226,  
102, 112) }
```

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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