

Converting Colors

$Y_{xy}(28.5495, 0.4186, 0.3180)$

Have a look what the booklet for
Yxy(28.5495, 0.4186, 0.3180)
contains.

Yxy(28.4862, 0.4183, 0.3181)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(28.4862, 0.4183, 0.3181)

Conversions

Conversions Part 1

Format	Color
Hex	D4767F
RGB	212, 118, 127
RGB Percent	83%, 46%, 50%
CMY	0.1687, 0.5372, 0.5019
CMYK	0.00, 0.44, 0.40, 0.17
HSL	354°, 52%, 65%
HSV	354°, 44%, 83%
XYZ	37.4592, 28.4862, 23.6057
YIQ	147.1320, 53.1350, 22.7270

Conversions

Conversions Part 2

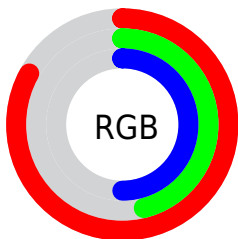
Format	Color
R _Y B	212, 118, 127
Decimal	13923967
CIE Lab	60.33, 37.60, 11.45
CIE LCh	60, 39.302, 16.935
Yxy	28.4862, 0.4183, 0.3181
Android (android.graphics.Color)	4292114047 (0xFFD4767F)
YUV	147.1320, -9.9251, 56.8892
Hunter-Lab	53.3725, 31.8776, 11.1378

Details

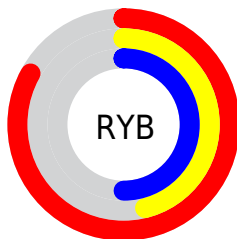
The Yxy color **28.4862, 0.4183, 0.3181** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **55.2464, 0.2580, 0.3410**, and the grayscale version is **29.2617, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.0603, 0.3811, 0.3208**, and **11.4344, 0.4556, 0.3118** is the 20% darker color. If you saturate the color by 10%, you get **23.5896, 0.4572, 0.3162**, and if you desaturate by 10%, it is **34.6026, 0.3854, 0.3205**.

Distribution



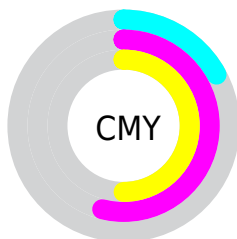
- Red (83%)
- Green (46%)
- Blue (50%)



- Red (83%)
- Yellow (46%)
- Blue (50%)



- Cyan (0%)
- Magenta (44%)
- Yellow (40%)
- Black (17%)





- Cyan (17%)
- Magenta (54%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.4862, 0.4183, 0.3181 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 28.4862, 0.4183, 0.3181 by changing the saturation by 10% instead.


 28.4862, 0.4183,
0.3181


 28.4862, 0.4183,
0.3181


294.7829, 0.3607,
0.3256

 18.6925, 0.4343,
0.3154


 57.2598, 0.3962,
0.3214

 11.4483, 0.4559,
0.3114


 77.0084, 0.3882,
0.3224

 6.3692, 0.4863,
0.3049


 100.8441, 0.3817,
0.3233

 3.0709, 0.5321,
0.2935

129.1513, 0.3761,
0.3239

 1.1688, 0.6191,
0.2760

162.3144, 0.3714,
0.3244

 0.0360, 0.9637,
0.0363

200.7178, 0.3674,

 0.0000, 0.0000,

0.3249

0.0000

244.7458, 0.3638,
0.3253

■ 28.4862, 0.4183,
0.3181

■ 28.4862, 0.4183,
0.3181

■ 23.5896, 0.4572,
0.3162

■ 34.6026, 0.3854,
0.3205

■ 19.8271, 0.5010,
0.3154

■ 42.0086, 0.3585,
0.3230

■ 17.1086, 0.5463,
0.3160

■ 50.7737, 0.3367,
0.3256

■ 15.3286, 0.5876,
0.3185

■ 60.9611, 0.3192,
0.3280

■ 14.3589, 0.6184,
0.3225

■ 72.6303, 0.3051,
0.3302

 14.0474, 0.6303,
0.3246

 85.8371, 0.2938,
0.3323

 92.7358, 0.2872,
0.3289

Harmonies

Analogous

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



28.4862, 0.3626, 0.2742



28.4862, 0.4183, 0.3181



28.4862, 0.4417, 0.3673

Triad

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



28.4862, 0.4183, 0.3181



28.4862, 0.3181, 0.4401



28.4862, 0.2076, 0.2371

Complementary

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



28.4862, 0.4183, 0.3181



55.2464, 0.2580, 0.3410

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.



28.4862, 0.1988, 0.2699



28.4862, 0.4183, 0.3181



28.4862, 0.2583, 0.3939

Square

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



28.4862, 0.4183, 0.3181



28.4862, 0.3796, 0.4442



28.4862, 0.2159, 0.3269



28.4862, 0.2412, 0.2290

Rectangle

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



28.4862, 0.4183, 0.3181



28.4862, 0.4351, 0.3991



28.4862, 0.2159, 0.3269



28.4862, 0.2018, 0.2452

Sweetspot

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



28.4876, 0.4183, 0.3181



78.8605, 0.3344, 0.3259



30.3518, 0.3082, 0.2182



16.1920, 0.3387, 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.



28.4876, 0.4183, 0.3181



36.3446, 0.4540, 0.3164



38.9479, 0.4076, 0.3759



12.4399, 0.3276, 0.3268



8.6796, 0.6284, 0.3235



0.5303, 0.5972, 0.3063

Inverse Universe

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



28.4876, 0.4183, 0.3181



36.3446, 0.4540, 0.3164



39.0318, 0.2441, 0.2757



12.4399, 0.3276, 0.3268



8.6796, 0.6284, 0.3235



0.5303, 0.5972, 0.3063

Previews

White Background



This preview shows how the Yxy color 28.4862, 0.4183, 0.3181 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 28.4862, 0.4183, 0.3181 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 28.4862, 0.4183, 0.3181

Background



This preview shows how black text looks on a background with the Yxy color 28.4862, 0.4183, 0.3181.



This preview shows how white text looks on a background with the Yxy color 28.4862, 0.4183, 0.3181.

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

28.4862, 0.4183, 0.3181

Protanopia

28.6579, 0.3220, 0.3354

Deuteranopia

28.5111, 0.3623, 0.3550



Tritanopia

28.4862, 0.4183, 0.3181

Trichromacy



Original Color

28.4862, 0.4183, 0.3181

Protanomaly

27.9898, 0.3552, 0.3276

Deuteranomaly

28.1481, 0.3831, 0.3406

Tritanomaly

28.4862, 0.4183, 0.3181

Monochromacy



Original Color

28.4862, 0.4183, 0.3181

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.1597, 0.3481, 0.3232

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.4862, 0.4183, 0.3181 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(212, 118, 127)` looks like.

```
.text, #text, p{  
    color:rgb(212, 118, 127)  
}
```

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(212, 118, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 118, 127) }
```

Border

The CSS property to change the border of an element to Yxy 28.4862, 0.4183, 0.3181 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(212, 118, 127) }
```

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

```
.border{ border-color:rgb(212, 118, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 118, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 118, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 118, 127);  
box-shadow:4px 4px 4px 4px rgb(212, 118,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 28.4862, 0.4183, 0.3181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 118, 127) }
```

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

```
.background{ background-color: rgb(212,  
118, 127) }
```

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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