

Converting Colors

$Y_{xy}(30.3880, 0.4117, 0.3158)$

Have a look what the booklet for
Yxy(30.3880, 0.4117, 0.3158)
contains.

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Color

Yxy(30.4861, 0.4113, 0.3158)

Conversions

Conversions Part 1

Format	Color
Hex	D87B86
RGB	216, 123, 134
RGB Percent	85%, 48%, 53%
CMY	0.1529, 0.5176, 0.4745
CMYK	0.00, 0.43, 0.38, 0.15
HSL	353°, 54%, 66%
HSV	353°, 43%, 85%
XYZ	39.7053, 30.4861, 26.3447
YIQ	152.0610, 51.8970, 23.1370

Conversions

Conversions Part 2

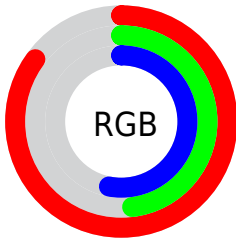
Format	Color
R _Y B	216, 123, 134
Decimal	14187398
CIE Lab	62.07, 37.26, 9.98
CIE LCh	62, 38.571, 14.996
Yxy	30.4861, 0.4113, 0.3158
Android (android.graphics.Color)	4292377478 (0xFFD87B86)
YUV	152.0610, -8.9041, 56.0745
Hunter-Lab	55.2142, 31.7369, 10.3605

Details

The Yxy color **30.4861, 0.4113, 0.3158** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **57.7326, 0.2603, 0.3435**, and the grayscale version is **31.4504, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.2921, 0.3733, 0.3187**, and **12.5597, 0.4438, 0.3087** is the 20% darker color. If you saturate the color by 10%, you get **25.2221, 0.4485, 0.3133**, and if you desaturate by 10%, it is **37.0310, 0.3800, 0.3188**.

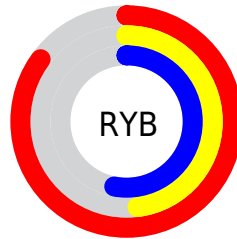
Distribution



Red (85%)

Green (48%)

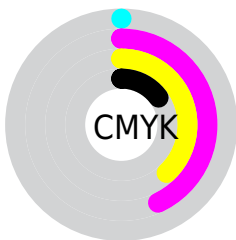
Blue (53%)



Red (85%)

Yellow (48%)

Blue (53%)

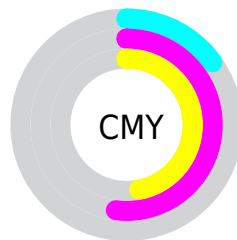


Cyan (0%)

Magenta (43%)

Yellow (38%)

Black (15%)



Cyan (15%)


Magenta (52%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.4861, 0.4113, 0.3158 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 30.4861, 0.4113, 0.3158 by changing the saturation by 10% instead.


 30.4861, 0.4113,
0.3158


 30.4861, 0.4113,
0.3158


304.1638, 0.3581,
0.3242

 20.2078, 0.4259,
0.3130


 60.4301, 0.3910,
0.3193

 12.5462, 0.4454,
0.3090


 80.8646, 0.3837,
0.3205

 7.1168, 0.4727,
0.3029


 105.4533, 0.3776,
0.3214

 3.5353, 0.5135,
0.2924

134.5806, 0.3725,
0.3222

 1.4172, 0.5809,
0.2732

168.6309, 0.3681,
0.3228

 0.2293, 0.8351,
0.1649

207.9886, 0.3643,

 0.0000, 1.0000,

0.3233


0.0000


253.0381, 0.3610,
0.3238


 0.0000, 0.0000,
0.0000


 30.4861, 0.4113,
0.3158


 30.4861, 0.4113,
0.3158


 25.2221, 0.4485,
0.3133


 37.0310, 0.3800,
0.3188


 21.1508, 0.4908,
0.3119


 44.9286, 0.3544,
0.3220


 18.1798, 0.5355,
0.3123


 54.2505, 0.3337,
0.3252

 16.2015, 0.5776,
0.3148


 65.0621, 0.3171,
0.3281

 15.0860, 0.6109,
0.3194

 77.4248, 0.3037,
0.3309

 14.6718, 0.6270,
0.3228

 91.3963, 0.2929,
0.3334

 93.3393, 0.2894,
0.3289

Harmonies

Analogous

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



30.4861, 0.3566, 0.2738



30.4861, 0.4113, 0.3158



30.4861, 0.4362, 0.3633

Triad

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



30.4861, 0.4113, 0.3158



30.4861, 0.3222, 0.4368



30.4861, 0.2100, 0.2419

Complementary

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



30.4861, 0.4113, 0.3158



57.7326, 0.2603, 0.3435

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.



30.4861, 0.2031, 0.2754



30.4861, 0.4113, 0.3158



30.4861, 0.2639, 0.3949

Square

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



30.4861, 0.4113, 0.3158



30.4861, 0.3808, 0.4385



30.4861, 0.2215, 0.3314



30.4861, 0.2411, 0.2323

Rectangle

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



30.4861, 0.4113, 0.3158



30.4861, 0.4317, 0.3941



30.4861, 0.2215, 0.3314



30.4861, 0.2050, 0.2503

Sweetspot

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



30.4876, 0.4113, 0.3158



78.9012, 0.3339, 0.3251



31.9065, 0.3054, 0.2201



16.2019, 0.3381, 0.3245



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.



30.4876, 0.4113, 0.3158



37.1146, 0.4463, 0.3134



40.1787, 0.4059, 0.3709



12.4444, 0.3273, 0.3263



8.6923, 0.6246, 0.3215



0.5324, 0.5882, 0.3014

Inverse Universe

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



30.4876, 0.4113, 0.3158



37.1146, 0.4463, 0.3134



42.5857, 0.2467, 0.2819



12.4444, 0.3273, 0.3263



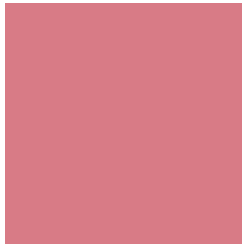
8.6923, 0.6246, 0.3215



0.5324, 0.5882, 0.3014

Previews

White Background



This preview shows how the Yxy color 30.4861, 0.4113, 0.3158 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 30.4861, 0.4113, 0.3158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

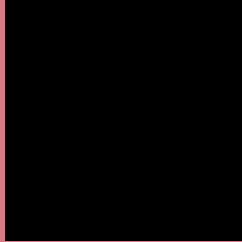
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.4861, 0.4113, 0.3158

Background



This preview shows how black text looks on a background with the Yxy color 30.4861, 0.4113, 0.3158.



This preview shows how white text looks on a background with the Yxy color 30.4861, 0.4113, 0.3158.

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

30.4861, 0.4113, 0.3158

Protanopia

30.8208, 0.3187, 0.3321

Deuteranopia

30.6332, 0.3575, 0.3513



Tritanopia

30.4308, 0.4138, 0.3183

Trichromacy



Original Color

30.4861, 0.4113, 0.3158

Protanomaly

30.0864, 0.3505, 0.3248

Deuteranomaly

30.2214, 0.3773, 0.3376

Tritanomaly

30.4583, 0.4126, 0.3170

Monochromacy



Original Color

30.4861, 0.4113, 0.3158

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.2080, 0.3458, 0.3233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4861, 0.4113, 0.3158 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(216, 123, 134)` looks like.

```
.text, #text, p{  
    color:rgb(216, 123, 134)  
}
```

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(216, 123, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 123, 134) }
```

Border

The CSS property to change the border of an element to Yxy 30.4861, 0.4113, 0.3158 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(216, 123, 134) }
```

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

```
.border{ border-color:rgb(216, 123, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 123, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 123, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 123, 134);  
box-shadow:4px 4px 4px 4px rgb(216, 123,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 30.4861, 0.4113, 0.3158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 123, 134) }
```

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

```
.background{ background-color: rgb(216,  
123, 134) }
```

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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