

Converting Colors

$Yxy(30.4098, 0.4315, 0.3264)$

Have a look what the booklet for
Yxy(30.4098, 0.4315, 0.3264)
contains.

Yxy(30.4770, 0.4316, 0.3270)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(30.4770, 0.4316, 0.3270)

Conversions

Conversions Part 1

Format	Color
Hex	DD797B
RGB	221, 121, 123
RGB Percent	87%, 47%, 48%
CMY	0.1334, 0.5254, 0.5177
CMYK	0.00, 0.45, 0.44, 0.13
HSL	359°, 59%, 67%
HSV	359°, 45%, 87%
XYZ	40.2259, 30.4770, 22.4989
YIQ	151.1280, 58.9580, 21.8220

Conversions

Conversions Part 2

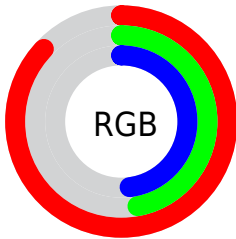
Format	Color
R _Y B	221, 121, 123
Decimal	14514555
CIE Lab	62.06, 38.92, 16.35
CIE LCh	62, 42.213, 22.792
Yxy	30.4770, 0.4316, 0.3270
Android (android.graphics.Color)	4292704635 (0xFFDD797B)
YUV	151.1280, -13.8671, 61.2777
Hunter-Lab	55.2060, 33.4538, 14.4808

Details

The Yxy color **30.4770, 0.4316, 0.3270** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **60.8823, 0.2532, 0.3314**, and the grayscale version is **31.0484, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.0151, 0.3848, 0.3292**, and **12.4320, 0.4730, 0.3220** is the 20% darker color. If you saturate the color by 10%, you get **25.2240, 0.4746, 0.3268**, and if you desaturate by 10%, it is **37.0832, 0.3950, 0.3274**.

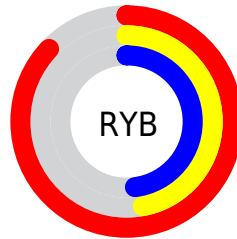
Distribution



Red (87%)

Green (47%)

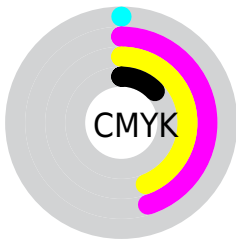
Blue (48%)



Red (87%)

Yellow (47%)

Blue (48%)

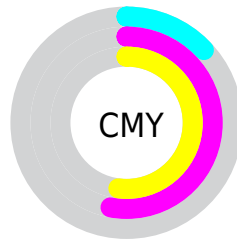


Cyan (0%)

Magenta (45%)

Yellow (44%)

Black (13%)



Cyan (13%)


Magenta (53%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.4770, 0.4316, 0.3270 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 30.4770, 0.4316, 0.3270 by changing the saturation by 10% instead.


 30.4770, 0.4316,
0.3270


 30.4770, 0.4316,
0.3270


304.1216, 0.3674,
0.3304


 20.2009, 0.4491,
0.3252


 60.4157, 0.4072,
0.3289

 12.5412, 0.4724,
0.3222


 80.8471, 0.3983,
0.3294

 7.1134, 0.5047,
0.3168


 105.4325, 0.3910,
0.3298

 3.5331, 0.5520,
0.3067

134.5561, 0.3848,
0.3300

 1.4160, 0.6428,
0.2929

168.6024, 0.3795,
0.3302

 0.2285, 0.8413,
0.1587

207.9559, 0.3749,

 0.0000, 1.0000,

0.3303


0.0000


253.0008, 0.3709,
0.3303

 0.0000, 0.0000,
0.0000


 30.4770, 0.4316,
0.3270


 30.4770, 0.4316,
0.3270


 25.2240, 0.4746,
0.3268


 37.0832, 0.3950,
0.3274


 21.2264, 0.5218,
0.3268


 45.1222, 0.3649,
0.3278


 18.3808, 0.5683,
0.3272


 54.6730, 0.3406,
0.3283

 16.5654, 0.6072,
0.3279

 65.8076, 0.3213,
0.3288

 15.6310, 0.6316,
0.3290

 78.5933, 0.3058,
0.3292

 15.3782, 0.6384,
0.3291

 93.0935, 0.2933,
0.3296

 94.1086, 0.2923,
0.3289

Harmonies

Analogous

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



30.4770, 0.3781, 0.2798



30.4770, 0.4316, 0.3270



30.4770, 0.4478, 0.3783

Triad

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



30.4770, 0.4316, 0.3270



30.4770, 0.3050, 0.4401



30.4770, 0.2078, 0.2293

Complementary

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



30.4770, 0.4316, 0.3270



60.8823, 0.2532, 0.3314

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.



30.4770, 0.1935, 0.2580



30.4770, 0.4316, 0.3270



30.4770, 0.2451, 0.3841

Square

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



30.4770, 0.4316, 0.3270



30.4770, 0.3704, 0.4526



30.4770, 0.2059, 0.3132



30.4770, 0.2475, 0.2258

Rectangle

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



30.4770, 0.4316, 0.3270



30.4770, 0.4355, 0.4108



30.4770, 0.2059, 0.3132



30.4770, 0.2002, 0.2359

Sweetspot

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



30.4786, 0.4316, 0.3270



77.2472, 0.3382, 0.3284



33.7501, 0.3146, 0.2180



15.8684, 0.3429, 0.3283



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.



30.4786, 0.4316, 0.3270



35.4091, 0.4709, 0.3268



44.6324, 0.4067, 0.3846



13.0557, 0.3289, 0.3286



8.9374, 0.6378, 0.3287



0.5805, 0.6310, 0.3250

Inverse Universe

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



30.4786, 0.4316, 0.3270



35.4091, 0.4709, 0.3268



39.6861, 0.2410, 0.2646



13.0557, 0.3289, 0.3286



8.9374, 0.6378, 0.3287



0.5805, 0.6310, 0.3250

Previews

White Background



This preview shows how the Yxy color 30.4770, 0.4316, 0.3270 looks on a white background.

Color Contrast Check

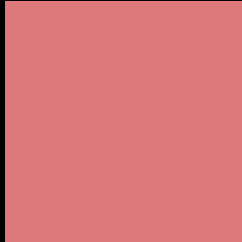
Large Text (above 18pt) WCAG AA × Fail

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 30.4770, 0.4316, 0.3270 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 30.4770, 0.4316, 0.3270

Background



This preview shows how black text looks on a background with the Yxy color 30.4770, 0.4316, 0.3270.



This preview shows how white text looks on a background with the Yxy color 30.4770, 0.4316, 0.3270.

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

30.4770, 0.4316, 0.3270

Protanopia

30.6868, 0.3315, 0.3492

Deuteranopia

30.5085, 0.3741, 0.3658



Tritanopia

30.3901, 0.4246, 0.3186

Trichromacy



Original Color

30.4770, 0.4316, 0.3270

Protanomaly

29.8345, 0.3664, 0.3392

Deuteranomaly

30.1709, 0.3950, 0.3512

Tritanomaly

30.3374, 0.4271, 0.3210

Monochromacy



Original Color

30.4770, 0.4316, 0.3270

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

29.9094, 0.3516, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4770, 0.4316, 0.3270 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(221, 121, 123)` looks like.

```
.text, #text, p{  
    color:rgb(221, 121, 123)  
}
```

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(221, 121, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 121, 123) }
```

Border

The CSS property to change the border of an element to Yxy 30.4770, 0.4316, 0.3270 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(221, 121, 123) }
```

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

```
.border{ border-color:rgb(221, 121, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 121, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 121, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 121, 123);  
box-shadow:4px 4px 4px 4px rgb(221, 121,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 30.4770, 0.4316, 0.3270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 121, 123) }
```

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

```
.background{ background-color: rgb(221,  
121, 123) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor