

Converting Colors

Yxy(57.7639, 0.3347, 0.3406)

Have a look what the booklet for
Yxy(57.7639, 0.3347, 0.3406)
contains.

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Color

Yxy(57.9674, 0.3348, 0.3407)

Conversions

Conversions Part 1

Format	Color
Hex	D7C5BB
RGB	215, 197, 187
RGB Percent	84%, 77%, 73%
CMY	0.1568, 0.2274, 0.2666
CMYK	0.00, 0.08, 0.13, 0.16
HSL	21°, 26%, 79%
HSV	21°, 13%, 84%
XYZ	56.9636, 57.9674, 55.2111
YIQ	201.2420, 13.9380, 0.7060

Conversions

Conversions Part 2

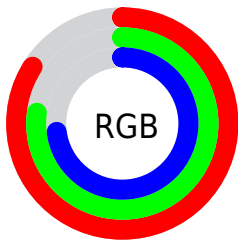
Format	Color
R _Y B	215, 203, 187
Decimal	14140859
CIE Lab	80.72, 4.66, 7.28
CIE LCh	81, 8.638, 57.373
Yxy	57.9674, 0.3348, 0.3407
Android (android.graphics.Color)	4292330939 (0xFFD7C5BB)
YUV	201.2420, -7.0213, 12.0658
Hunter-Lab	76.1363, 0.3113, 10.3006

Details

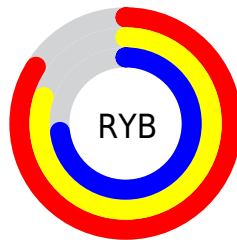
The Yxy color $57.9674, 0.3348, 0.3407$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $59.1505, 0.2926, 0.3170$, and the grayscale version is $58.6071, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.6147, 0.3198, 0.3396$, and $28.8397, 0.3404, 0.3430$ is the 20% darker color. If you saturate the color by 10%, you get $51.1197, 0.3552, 0.3503$, and if you desaturate by 10%, it is $65.5347, 0.3174, 0.3316$.

Distribution



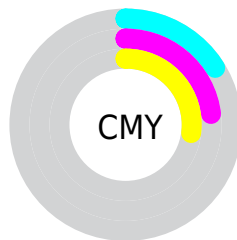
- Red (84%)
- Green (77%)
- Blue (73%)



- Red (84%)
- Yellow (80%)
- Blue (73%)



- Cyan (0%)
- Magenta (8%)
- Yellow (13%)
- Black (16%)




- Cyan (16%)
- Magenta (23%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.9674, 0.3348, 0.3407 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 57.9674, 0.3348, 0.3407 by changing the saturation by 10% instead.


 57.9674, 0.3348,
0.3407

 57.9674, 0.3348,
0.3407


417.0644, 0.3241,
0.3352

 41.7824, 0.3374,
0.3420


 101.8754, 0.3310,
0.3387

 28.9310, 0.3406,
0.3436


130.3672, 0.3295,
0.3380

 19.0286, 0.3448,
0.3457


163.7301, 0.3283,
0.3374

 11.6910, 0.3506,
0.3485

202.3484, 0.3272,
0.3368

 6.5336, 0.3587,
0.3524

246.6067, 0.3263,
0.3363

 3.1722, 0.3714,
0.3582

296.8891, 0.3255,

 1.2223, 0.3948,

0.3359

0.3688

353.5803, 0.3248,
0.3355

0.0798, 0.7038,
0.2962

0.0000, 0.0000,
0.0000

57.9674, 0.3348,
0.3407

57.9674, 0.3348,
0.3407

51.1197, 0.3552,
0.3503

65.5347, 0.3174,
0.3316

44.9624, 0.3789,
0.3601

73.8344, 0.3027,
0.3232

39.4754, 0.4063,
0.3697

82.8888, 0.2901,
0.3154

34.6346, 0.4370,
0.3784

91.5010, 0.2888,
0.3262

■ 30.4146, 0.4704,
0.3851

■ 93.1884, 0.2889,
0.3289

■ 26.7878, 0.5049,
0.3886

■ 23.7244, 0.5380,
0.3876

■ 21.1910, 0.5665,
0.3815

■ 19.7098, 0.5833,
0.3750

Harmonies

Analogous

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



57.9674, 0.3328, 0.3315



57.9674, 0.3348, 0.3407



57.9674, 0.3308, 0.3470

Triad

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



57.9674, 0.3348, 0.3407



57.9674, 0.3002, 0.3363



57.9674, 0.3033, 0.3102

Complementary

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



57.9674, 0.3348, 0.3407



59.1505, 0.2926, 0.3170

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.



57.9674, 0.2948, 0.3111



57.9674, 0.3348, 0.3407



57.9674, 0.2931, 0.3260

Square

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



57.9674, 0.3348, 0.3407



57.9674, 0.3107, 0.3446



57.9674, 0.2911, 0.3168



57.9674, 0.3144, 0.3141

Rectangle

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



57.9674, 0.3348, 0.3407



57.9674, 0.3253, 0.3487



57.9674, 0.2911, 0.3168



57.9674, 0.3001, 0.3099

Sweetspot

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



57.9700, 0.3348, 0.3407



95.2443, 0.3191, 0.3325



54.4159, 0.3218, 0.3080



20.1990, 0.3203, 0.3332



0.0000, 0.0000, 0.0000



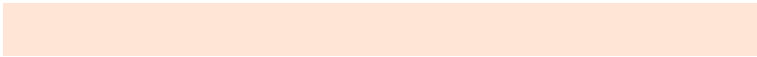
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.9700, 0.3348, 0.3407



82.0248, 0.3409, 0.3437



64.5315, 0.3327, 0.3564



13.1382, 0.3282, 0.3374



11.9703, 0.5806, 0.3772



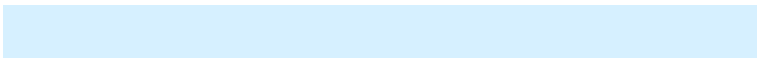
0.8759, 0.5475, 0.4035

Inverse Universe

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



59.1505, 0.2926, 0.3170



84.1326, 0.2878, 0.3139



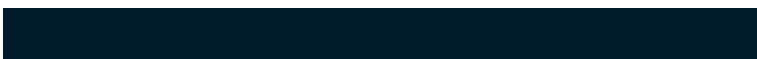
52.8314, 0.2922, 0.3001



13.3281, 0.2982, 0.3205



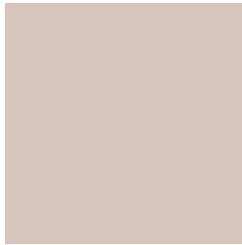
14.0709, 0.1913, 0.2086



1.0024, 0.1977, 0.2318

Previews

White Background



This preview shows how the Yxy color 57.9674, 0.3348, 0.3407 looks on a white background.

Color Contrast Check

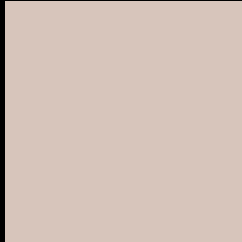
Large Text (above 18pt) WCAG AA × Fail

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 57.9674, 0.3348, 0.3407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

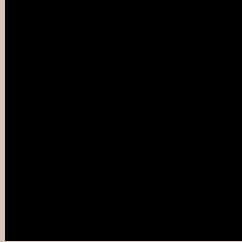
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.9674, 0.3348, 0.3407

Background



This preview shows how black text looks on a background with the Yxy color 57.9674, 0.3348, 0.3407.



This preview shows how white text looks on a background with the Yxy color 57.9674, 0.3348, 0.3407.

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

57.9674, 0.3348, 0.3407

Protanopia

58.2048, 0.3271, 0.3433

Deuteranopia

58.0617, 0.3420, 0.3359



Tritanopia

58.0924, 0.3207, 0.3120

Trichromacy



Original Color

57.9674, 0.3348, 0.3407

Protanomaly

58.1793, 0.3297, 0.3420

Deuteranomaly

58.0332, 0.3393, 0.3371

Tritanomaly

57.9990, 0.3259, 0.3222

Monochromacy



Original Color

57.9674, 0.3348, 0.3407

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.4159, 0.3204, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9674, 0.3348, 0.3407 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(215, 197, 187)` looks like.

```
.text, #text, p{  
    color:rgb(215, 197, 187)  
}
```

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(215, 197, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 197, 187) }
```

Border

The CSS property to change the border of an element to Yxy 57.9674, 0.3348, 0.3407 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(215, 197, 187) }
```

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

```
.border{ border-color:rgb(215, 197, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 197, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 197, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 197, 187);  
box-shadow:4px 4px 4px 4px rgb(215, 197,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9674, 0.3348, 0.3407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 197, 187) }
```

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

```
.background{ background-color: rgb(215,  
197, 187) }
```

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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