

Converting Colors

Yxy(57.7740, 0.3499, 0.3500)

Have a look what the booklet for
Yxy(57.7740, 0.3499, 0.3500)
contains.

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Color

Yxy(57.8925, 0.3498, 0.3498)

Conversions

Conversions Part 1

Format	Color
Hex	DFC3B1
RGB	223, 195, 177
RGB Percent	87%, 76%, 69%
CMY	0.1253, 0.2353, 0.3059
CMYK	0.00, 0.13, 0.21, 0.13
HSL	23°, 42%, 78%
HSV	23°, 21%, 87%
XYZ	57.8925, 57.8925, 49.7167
YIQ	201.3200, 22.4660, 0.3380

Conversions

Conversions Part 2

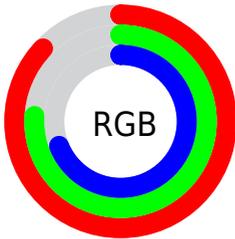
Format	Color
R _Y B	223, 207, 177
Decimal	14664625
CIE Lab	80.68, 7.12, 12.68
CIE LCh	81, 14.540, 60.697
Yxy	57.8925, 0.3498, 0.3498
Android (android.graphics.Color)	4292854705 (0xFFDFC3B1)
YUV	201.3200, -11.9898, 19.0134
Hunter-Lab	76.0871, 2.6630, 14.5198

Details

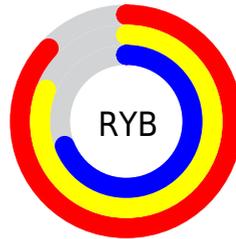
The Yxy color $57.8925, 0.3498, 0.3498$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $58.3662, 0.2806, 0.3072$, and the grayscale version is $58.6869, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.7640, 0.3259, 0.3474$, and $28.7205, 0.3597, 0.3550$ is the 20% darker color. If you saturate the color by 10%, you get $51.2620, 0.3723, 0.3605$, and if you desaturate by 10%, it is $65.2279, 0.3304, 0.3394$.

Distribution



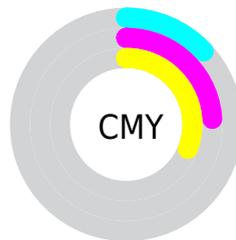
- Red (87%)
- Green (76%)
- Blue (69%)



- Red (87%)
- Yellow (81%)
- Blue (69%)



- Cyan (0%)
- Magenta (13%)
- Yellow (21%)
- Black (13%)



- Cyan (13%)
- Magenta (24%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.8925, 0.3498, 0.3498 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 57.8925, 0.3498, 0.3498 by changing the saturation by 10% instead.

 57.8925, 0.3498,
0.3498

 57.8925, 0.3498,
0.3498

416.7852, 0.3318,
0.3400

 41.7222, 0.3541,
0.3521

 101.7663, 0.3434,
0.3464

 28.8839, 0.3596,
0.3549

130.2386, 0.3410,
0.3451

 18.9930, 0.3667,
0.3585

163.5804, 0.3389,
0.3439

 11.6652, 0.3762,
0.3632

202.1761, 0.3371,
0.3429

 6.5161, 0.3899,
0.3696

246.4100, 0.3355,
0.3421

 3.1614, 0.4107,
0.3786

296.6666, 0.3341,

 1.2166, 0.4612,

0.3413

0.4053

353.3302, 0.3329,
0.3406

0.0752, 0.7653,
0.2347

0.0000, 0.0000,
0.0000

57.8925, 0.3498,
0.3498

57.8925, 0.3498,
0.3498

51.2620, 0.3723,
0.3605

65.2279, 0.3304,
0.3394

45.3068, 0.3982,
0.3712

73.2810, 0.3137,
0.3296

40.0066, 0.4272,
0.3810

82.0744, 0.2995,
0.3205

35.3368, 0.4588,
0.3891

90.8832, 0.2933,
0.3232

■ 31.2713, 0.4917,
0.3942

■ 94.4353, 0.2935,
0.3289

■ 27.7816, 0.5237,
0.3949

■ 24.8362, 0.5522,
0.3905

■ 22.5351, 0.5743,
0.3822

Harmonies

Analogous

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



57.8925, 0.3476, 0.3346



57.8925, 0.3498, 0.3498



57.8925, 0.3418, 0.3601

Triad

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



57.8925, 0.3498, 0.3498



57.8925, 0.2900, 0.3394



57.8925, 0.2987, 0.2981

Complementary

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



57.8925, 0.3498, 0.3498



58.3662, 0.2806, 0.3072

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.



57.8925, 0.2840, 0.2984



57.8925, 0.3498, 0.3498



57.8925, 0.2791, 0.3217

Square

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



57.8925, 0.3498, 0.3498



57.8925, 0.3070, 0.3544



57.8925, 0.2769, 0.3068



57.8925, 0.3176, 0.3054

Rectangle

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



57.8925, 0.3498, 0.3498



57.8925, 0.3319, 0.3624



57.8925, 0.2769, 0.3068



57.8925, 0.2931, 0.2973

Sweetspot

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



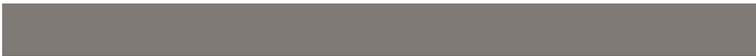
57.8951, 0.3498, 0.3498



93.2491, 0.3224, 0.3348



51.5660, 0.3294, 0.2968



19.8065, 0.3235, 0.3355



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.



57.8951, 0.3498, 0.3498



74.2250, 0.3596, 0.3547



68.8433, 0.3449, 0.3746



14.5745, 0.3282, 0.3382



13.4491, 0.5716, 0.3843



1.1027, 0.5432, 0.4069

Inverse Universe

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



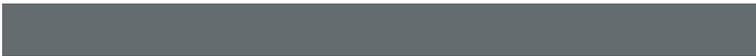
58.3662, 0.2806, 0.3072



74.9740, 0.2734, 0.3018



48.2853, 0.2787, 0.2788



14.6263, 0.2981, 0.3196



13.6909, 0.1878, 0.1961



1.1216, 0.1941, 0.2188

Previews

White Background



This preview shows how the Yxy color 57.8925, 0.3498, 0.3498 looks on a white background.

Color Contrast Check

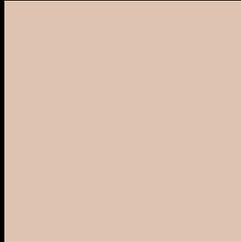
Large Text (above 18pt) WCAG AA × Fail

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 57.8925, 0.3498, 0.3498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

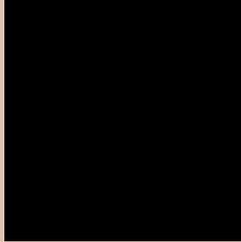
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

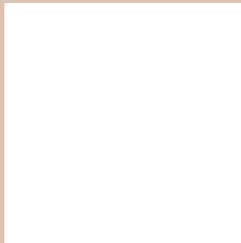
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.8925, 0.3498, 0.3498

Background



This preview shows how black text looks on a background with the Yxy color 57.8925, 0.3498, 0.3498.



This preview shows how white text looks on a background with the Yxy color 57.8925, 0.3498, 0.3498.

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

57.8925, 0.3498, 0.3498

Protanopia

58.1185, 0.3355, 0.3540

Deuteranopia

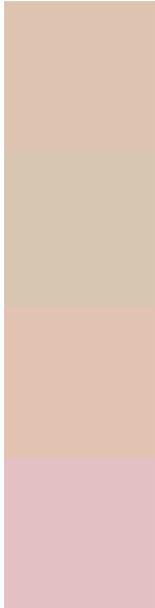
57.8082, 0.3545, 0.3473



Tritanopia

58.0487, 0.3306, 0.3123

Trichromacy



Original Color

57.8925, 0.3498, 0.3498

Protanomaly

57.8987, 0.3408, 0.3526

Deuteranomaly

57.9266, 0.3525, 0.3485

Tritanomaly

57.8082, 0.3384, 0.3257

Monochromacy



Original Color

57.8925, 0.3498, 0.3498

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.2079, 0.3258, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.8925, 0.3498, 0.3498 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(223, 195, 177)` looks like.

```
.text, #text, p{  
    color:rgb(223, 195, 177)  
}
```

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(223, 195, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 195, 177) }
```

Border

The CSS property to change the border of an element to Yxy 57.8925, 0.3498, 0.3498 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(223, 195, 177) }
```

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

```
.border{ border-color:rgb(223, 195, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 195, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 195, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 195, 177); box-shadow:4px 4px 4px 4px rgb(223, 195, 177) }
```

Background

The CSS property to change the background color of an element to $\text{Yxy } 57.8925, 0.3498, 0.3498$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 195, 177) }
```

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

```
.background{ background-color: rgb(223,  
195, 177) }
```

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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