

Converting Colors

Yxy(57.7710, 0.3442, 0.3476)

Have a look what the booklet for
Yxy(57.7710, 0.3442, 0.3476)
contains.

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Color

Yxy(57.8352, 0.3438, 0.3477)

Conversions

Conversions Part 1

Format	Color
Hex	DBC4B4
RGB	219, 196, 180
RGB Percent	86%, 77%, 71%
CMY	0.1412, 0.2313, 0.2942
CMYK	0.00, 0.10, 0.18, 0.14
HSL	25°, 35%, 78%
HSV	25°, 18%, 86%
XYZ	57.1865, 57.8352, 51.3148
YIQ	201.0530, 18.8440, -0.1000

Conversions

Conversions Part 2

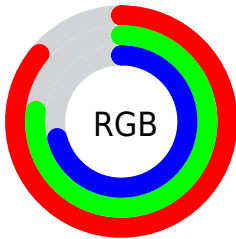
Format	Color
R _Y B	219, 207, 180
Decimal	14402740
CIE Lab	80.65, 5.52, 10.99
CIE LCh	81, 12.302, 63.318
Yxy	57.8352, 0.3438, 0.3477
Android (android.graphics.Color)	4292592820 (0xFFDBC4B4)
YUV	201.0530, -10.3791, 15.7395
Hunter-Lab	76.0495, 1.1391, 13.2284

Details

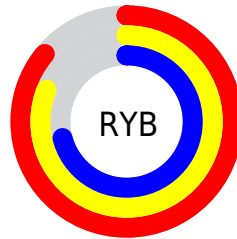
The Yxy color $57.8352, 0.3438, 0.3477$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $57.5023, 0.2850, 0.3095$, and the grayscale version is $58.4996, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.5667, 0.3240, 0.3454$, and $28.7708, 0.3527, 0.3522$ is the 20% darker color. If you saturate the color by 10%, you get $51.4441, 0.3652, 0.3589$, and if you desaturate by 10%, it is $64.8726, 0.3253, 0.3370$.

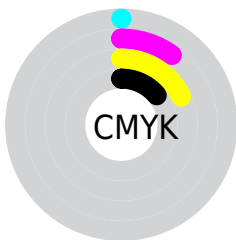
Distribution



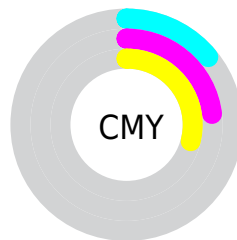
- Red (86%)
- Green (77%)
- Blue (71%)



- Red (86%)
- Yellow (81%)
- Blue (71%)



- Cyan (0%)
- Magenta (10%)
- Yellow (18%)
- Black (14%)





- Cyan (14%)
- Magenta (23%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.8352, 0.3438, 0.3477 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 57.8352, 0.3438, 0.3477 by changing the saturation by 10% instead.


 57.8352, 0.3438,
0.3477

 57.8352, 0.3438,
0.3477


416.5716, 0.3287,
0.3388

 41.6762, 0.3474,
0.3498


 101.6828, 0.3384,
0.3446

 28.8478, 0.3520,
0.3524


130.1402, 0.3364,
0.3434

 18.9657, 0.3579,
0.3557


163.4659, 0.3346,
0.3424

 11.6455, 0.3660,
0.3600

202.0442, 0.3331,
0.3415

 6.5028, 0.3774,
0.3661

246.2595, 0.3318,
0.3407

 3.1531, 0.3950,
0.3749

296.4962, 0.3307,

 1.2122, 0.4344,

0.3400

0.3970

353.1388, 0.3297,
0.3394

0.0716, 0.7391,
0.2609

0.0000, 0.0000,
0.0000

57.8352, 0.3438,
0.3477

57.8352, 0.3438,
0.3477

51.4441, 0.3652,
0.3589

64.8726, 0.3253,
0.3370

45.6725, 0.3897,
0.3701

72.5668, 0.3095,
0.3269

40.5027, 0.4172,
0.3808

80.9379, 0.2958,
0.3175

35.9134, 0.4474,
0.3900

89.1663, 0.2909,
0.3214

■ 31.8817, 0.4791,
0.3966

■ 93.7982, 0.2911,
0.3289

■ 28.3829, 0.5106,
0.3991

■ 25.3897, 0.5394,
0.3966

■ 22.8693, 0.5634,
0.3889

■ 22.3743, 0.5684,
0.3869

Harmonies

Analogous

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



57.8352, 0.3427, 0.3351



57.8352, 0.3438, 0.3477



57.8352, 0.3364, 0.3557

Triad

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



57.8352, 0.3438, 0.3477



57.8352, 0.2924, 0.3365



57.8352, 0.3022, 0.3030

Complementary

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



57.8352, 0.3438, 0.3477



57.5023, 0.2850, 0.3095

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.



57.8352, 0.2892, 0.3027



57.8352, 0.3438, 0.3477



57.8352, 0.2837, 0.3217

Square

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



57.8352, 0.3438, 0.3477



57.8352, 0.3066, 0.3495



57.8352, 0.2825, 0.3094



57.8352, 0.3183, 0.3097

Rectangle

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



57.8352, 0.3438, 0.3477



57.8352, 0.3277, 0.3572



57.8352, 0.2825, 0.3094



57.8352, 0.2974, 0.3021

Sweetspot

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



57.8378, 0.3438, 0.3477



94.5083, 0.3207, 0.3341



52.0204, 0.3273, 0.3021



20.0676, 0.3218, 0.3348



0.0000, 0.0000, 0.0000



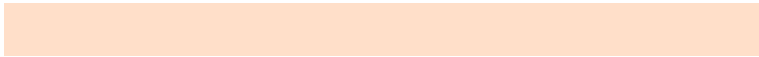
21.4041, 0.3127, 0.3290

Same Dimension

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



57.8378, 0.3438, 0.3477



78.5217, 0.3507, 0.3514



66.9974, 0.3401, 0.3689



13.9263, 0.3281, 0.3387



13.4723, 0.5657, 0.3890



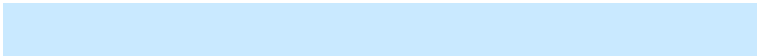
1.0398, 0.5364, 0.4123

Inverse Universe

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



57.5023, 0.2850, 0.3095



77.9701, 0.2797, 0.3055



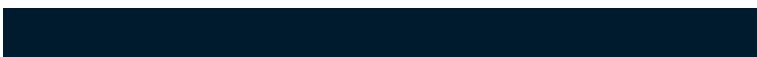
49.0434, 0.2838, 0.2857



13.8853, 0.2982, 0.3192



12.5586, 0.1859, 0.1891



0.9818, 0.1928, 0.2142

Previews

White Background



This preview shows how the Yxy color 57.8352, 0.3438, 0.3477 looks on a white background.

Color Contrast Check

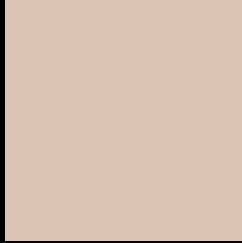
Large Text (above 18pt) WCAG AA × Fail

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 57.8352, 0.3438, 0.3477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

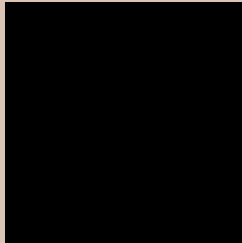
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.8352, 0.3438, 0.3477

Background



This preview shows how black text looks on a background with the Yxy color 57.8352, 0.3438, 0.3477.



This preview shows how white text looks on a background with the Yxy color 57.8352, 0.3438, 0.3477.

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

57.8352, 0.3438, 0.3477

Protanopia

58.0958, 0.3324, 0.3505

Deuteranopia

57.8070, 0.3504, 0.3428



Tritanopia

57.7339, 0.3257, 0.3121

Trichromacy



Original Color

57.8352, 0.3438, 0.3477

Protanomaly

58.1801, 0.3366, 0.3503

Deuteranomaly

57.7671, 0.3476, 0.3440

Tritanomaly

57.5433, 0.3325, 0.3245

Monochromacy



Original Color

57.8352, 0.3438, 0.3477

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.1070, 0.3243, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.8352, 0.3438, 0.3477 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(219, 196, 180)` looks like.

```
.text, #text, p{  
    color:rgb(219, 196, 180)  
}
```

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(219, 196, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 196, 180) }
```

Border

The CSS property to change the border of an element to Yxy 57.8352, 0.3438, 0.3477 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(219, 196, 180) }
```

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

```
.border{ border-color:rgb(219, 196, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 196, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 196, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 196, 180);  
box-shadow:4px 4px 4px 4px rgb(219, 196,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 57.8352, 0.3438, 0.3477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 196, 180) }
```

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

```
.background{ background-color: rgb(219,  
196, 180) }
```

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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