

Converting Colors

$Yxy(57.5977, 0.3768, 0.3649)$

Have a look what the booklet for
Yxy(57.5977, 0.3768, 0.3649)
contains.

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Color

Yxy(57.5977, 0.3768, 0.3649)

Conversions

Conversions Part 1

Format	Color
Hex	ECBF9F
RGB	236, 191, 159
RGB Percent	93%, 75%, 62%
CMY	0.0746, 0.2509, 0.3766
CMYK	0.00, 0.19, 0.33, 0.07
HSL	25°, 67%, 77%
HSV	25°, 33%, 93%
XYZ	59.4761, 57.5977, 40.7714
YIQ	200.8070, 37.0920, -0.4120

Conversions

Conversions Part 2

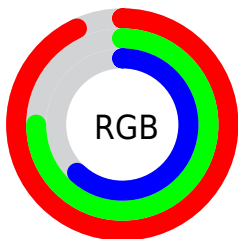
Format	Color
R _Y B	236, 214, 159
Decimal	15515551
CIE Lab	80.51, 11.65, 22.25
CIE LCh	81, 25.117, 62.354
Yxy	57.5977, 0.3768, 0.3649
Android (android.graphics.Color)	4293705631 (0xFFECCBF9F)
YUV	200.8070, -20.6109, 30.8643
Hunter-Lab	75.8931, 7.0741, 21.2734

Details

The Yxy color **57.5977, 0.3768, 0.3649** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.5857, 0.2614, 0.2899**, and the grayscale version is **58.3956, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.6366, 0.3382, 0.3616**, and **28.8222, 0.3938, 0.3742** is the 20% darker color. If you saturate the color by 10%, you get **51.1265, 0.4028, 0.3761**, and if you desaturate by 10%, it is **64.7963, 0.3539, 0.3535**.

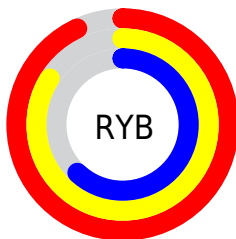
Distribution



Red (93%)

Green (75%)

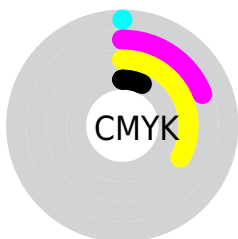
Blue (62%)



Red (93%)

Yellow (84%)

Blue (62%)

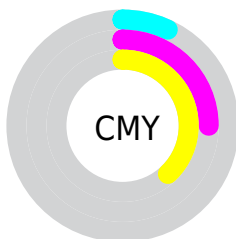


Cyan (0%)

Magenta (19%)

Yellow (33%)

Black (7%)



Cyan (7%)


Magenta (25%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.5977, 0.3768, 0.3649 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 57.5977, 0.3768, 0.3649 by changing the saturation by 10% instead.

 57.5977, 0.3768,
0.3649

 57.5977, 0.3768,
0.3649


415.6852, 0.3457,
0.3484

 41.4853, 0.3842,
0.3686

 101.3368, 0.3658,
0.3592

 28.6985, 0.3935,
0.3731

 129.7323, 0.3615,
0.3570

 18.8529, 0.4056,
0.3786


162.9909, 0.3579,
0.3551

 11.5640, 0.4216,
0.3855

201.4971, 0.3548,
0.3534

 6.4475, 0.4439,
0.3942

245.6352, 0.3521,
0.3519

 3.1191, 0.4764,
0.4046

295.7897, 0.3497,

 1.1942, 0.5598,

0.3506

0.4402

352.3449, 0.3476,
0.3494

0.0570, 0.8560,
0.1440

0.0000, 0.0000,
0.0000

57.5977, 0.3768,
0.3649

57.5977, 0.3768,
0.3649

51.1265, 0.4028,
0.3761

64.7963, 0.3539,
0.3535

45.3502, 0.4318,
0.3864

72.7375, 0.3340,
0.3423

40.2454, 0.4628,
0.3945

81.4458, 0.3168,
0.3317

35.7841, 0.4946,
0.3993

90.9424, 0.3021,
0.3218

■ 31.9357, 0.5249,
0.3995

■ 96.5708, 0.3011,
0.3290

■ 28.6661, 0.5513,
0.3942

■ 26.5986, 0.5677,
0.3874

Harmonies

Analogous

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



57.5977, 0.3742, 0.3391



57.5977, 0.3768, 0.3649



57.5977, 0.3614, 0.3831

Triad

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



57.5977, 0.3768, 0.3649



57.5977, 0.2721, 0.3451



57.5977, 0.2899, 0.2773

Complementary

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



57.5977, 0.3768, 0.3649



56.5857, 0.2614, 0.2899

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.



57.5977, 0.2647, 0.2765



57.5977, 0.3768, 0.3649



57.5977, 0.2549, 0.3138

Square

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



57.5977, 0.3768, 0.3649



57.5977, 0.3005, 0.3729



57.5977, 0.2523, 0.2891



57.5977, 0.3226, 0.2903

Rectangle

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



57.5977, 0.3768, 0.3649



57.5977, 0.3436, 0.3876



57.5977, 0.2523, 0.2891



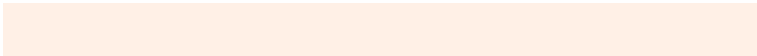
57.5977, 0.2804, 0.2756

Sweetspot

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



57.6004, 0.3768, 0.3649



89.3290, 0.3293, 0.3395



47.0350, 0.3434, 0.2784



18.8152, 0.3318, 0.3410



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.



57.6004, 0.3768, 0.3649



63.5422, 0.3935, 0.3723



75.9779, 0.3643, 0.4031



16.0836, 0.3282, 0.3388



14.9052, 0.5649, 0.3897



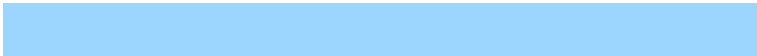
1.3563, 0.5401, 0.4094

Inverse Universe

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



56.5857, 0.2614, 0.2899



62.1482, 0.2512, 0.2806



40.9427, 0.2554, 0.2421



16.0106, 0.2981, 0.3190



13.5911, 0.1853, 0.1869



1.2564, 0.1913, 0.2085

Previews

White Background



This preview shows how the Yxy color 57.5977, 0.3768, 0.3649 looks on a white background.

Color Contrast Check

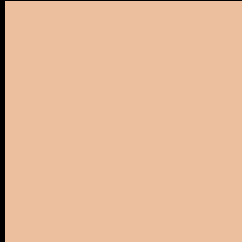
Large Text (above 18pt) WCAG AA × Fail

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 57.5977, 0.3768, 0.3649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

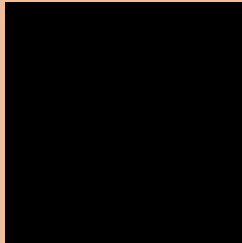
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.5977, 0.3768, 0.3649

Background



This preview shows how black text looks on a background with the Yxy color 57.5977, 0.3768, 0.3649.



This preview shows how white text looks on a background with the Yxy color 57.5977, 0.3768, 0.3649.

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

57.5977, 0.3768, 0.3649

Protanopia

57.9499, 0.3503, 0.3731

Deuteranopia

57.5261, 0.3738, 0.3663



Tritanopia

57.3933, 0.3473, 0.3128

Trichromacy



Original Color

57.5977, 0.3768, 0.3649

Protanomaly

57.9133, 0.3595, 0.3698

Deuteranomaly

57.6949, 0.3747, 0.3662

Tritanomaly

57.3942, 0.3586, 0.3313

Monochromacy



Original Color

57.5977, 0.3768, 0.3649

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.7738, 0.3348, 0.3419

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.5977, 0.3768, 0.3649 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(236, 191, 159)` looks like.

```
.text, #text, p{  
    color:rgb(236, 191, 159)  
}
```

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(236, 191, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 191, 159) }
```

Border

The CSS property to change the border of an element to Yxy 57.5977, 0.3768, 0.3649 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(236, 191, 159) }
```

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

```
.border{ border-color:rgb(236, 191, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 191, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 191, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 191, 159);  
box-shadow:4px 4px 4px 4px rgb(236, 191,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 57.5977, 0.3768, 0.3649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 191, 159) }
```

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

```
.background{ background-color: rgb(236,  
191, 159) }
```

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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