

Converting Colors

$Yxy(57.6073, 0.3777, 0.3672)$

Have a look what the booklet for
Yxy(57.6073, 0.3777, 0.3672)
contains.

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Color

Yxy(57.5288, 0.3785, 0.3671)

Conversions

Conversions Part 1

Format	Color
Hex	ECBF9D
RGB	236, 191, 157
RGB Percent	93%, 75%, 62%
CMY	0.0744, 0.2510, 0.3844
CMYK	0.00, 0.19, 0.33, 0.07
HSL	26°, 68%, 77%
HSV	26°, 33%, 93%
XYZ	59.3153, 57.5288, 39.8674
YIQ	200.5790, 37.7340, -1.0340

Conversions

Conversions Part 2

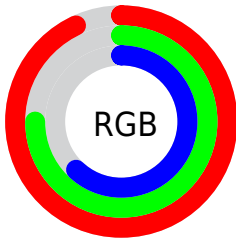
Format	Color
R _Y B	236, 217, 157
Decimal	15515549
CIE Lab	80.48, 11.43, 23.26
CIE LCh	80, 25.916, 63.818
Yxy	57.5288, 0.3785, 0.3671
Android (android.graphics.Color)	4293705629 (0xFFECCBF9D)
YUV	200.5790, -21.4844, 31.0642
Hunter-Lab	75.8477, 6.8590, 21.9292

Details

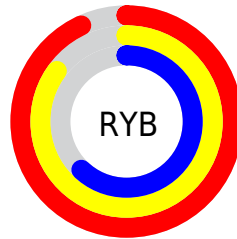
The Yxy color **57.5288, 0.3785, 0.3671** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **55.4746, 0.2598, 0.2873**, and the grayscale version is **58.2546, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5350, 0.3394, 0.3636**, and **28.7806, 0.3960, 0.3770** is the 20% darker color. If you saturate the color by 10%, you get **51.2033, 0.4045, 0.3787**, and if you desaturate by 10%, it is **64.5539, 0.3555, 0.3553**.

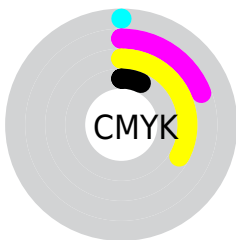
Distribution



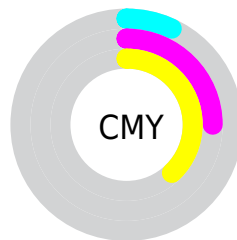
- Red (93%)
- Green (75%)
- Blue (62%)



- Red (93%)
- Yellow (85%)
- 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 57.5288, 0.3785, 0.3671 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 57.5288, 0.3785, 0.3671 by changing the saturation by 10% instead.


 57.5288, 0.3785,
0.3671


 57.5288, 0.3785,
0.3671


415.4278, 0.3466,
0.3495

 41.4299, 0.3861,
0.3710


 101.2364, 0.3672,
0.3611

 28.6552, 0.3956,
0.3758


 129.6139, 0.3628,
0.3587

 18.8201, 0.4079,
0.3816


162.8530, 0.3591,
0.3567

 11.5404, 0.4243,
0.3890

201.3383, 0.3560,
0.3549

 6.4315, 0.4469,
0.3981

245.4540, 0.3532,
0.3533

 3.1092, 0.4800,
0.4091

295.5846, 0.3507,

 1.1890, 0.5586,

0.3519

0.4414

352.1144, 0.3486,
0.3507

0.0527, 0.8620,
0.1380

0.0000, 0.0000,
0.0000

57.5288, 0.3785,
0.3671

57.5288, 0.3785,
0.3671

51.2033, 0.4045,
0.3787

64.5539, 0.3555,
0.3553

45.5460, 0.4331,
0.3891

72.2928, 0.3355,
0.3437

40.5345, 0.4637,
0.3974

80.7692, 0.3182,
0.3327

36.1421, 0.4947,
0.4021

90.0032, 0.3033,
0.3224

■ 32.3392, 0.5241,
0.4021

■ 96.5784, 0.3012,
0.3290

■ 29.0928, 0.5494,
0.3966

■ 27.2543, 0.5636,
0.3907

Harmonies

Analogous

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



57.5288, 0.3768, 0.3407



57.5288, 0.3785, 0.3671



57.5288, 0.3618, 0.3854

Triad

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



57.5288, 0.3785, 0.3671



57.5288, 0.2697, 0.3440



57.5288, 0.2907, 0.2761

Complementary

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



57.5288, 0.3785, 0.3671



55.4746, 0.2598, 0.2873

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.



57.5288, 0.2642, 0.2746



57.5288, 0.3785, 0.3671



57.5288, 0.2526, 0.3118

Square

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



57.5288, 0.3785, 0.3671



57.5288, 0.2985, 0.3733



57.5288, 0.2507, 0.2868



57.5288, 0.3245, 0.2900

Rectangle

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



57.5288, 0.3785, 0.3671



57.5288, 0.3430, 0.3896



57.5288, 0.2507, 0.2868



57.5288, 0.2807, 0.2741

Sweetspot

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



57.5315, 0.3785, 0.3671



89.5435, 0.3292, 0.3398



46.2626, 0.3457, 0.2784



18.8669, 0.3318, 0.3414



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.



57.5315, 0.3785, 0.3671



63.4412, 0.3955, 0.3749



76.5573, 0.3653, 0.4063



16.1199, 0.3282, 0.3392



15.2644, 0.5608, 0.3929



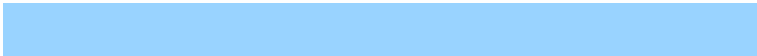
1.3863, 0.5365, 0.4122

Inverse Universe

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



55.4746, 0.2598, 0.2873



60.6369, 0.2494, 0.2774



39.6214, 0.2535, 0.2377



15.9736, 0.2981, 0.3186



13.0686, 0.1839, 0.1819



1.2167, 0.1901, 0.2042

Previews

White Background



This preview shows how the Yxy color 57.5288, 0.3785, 0.3671 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 57.5288, 0.3785, 0.3671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

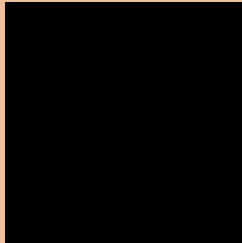
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.5288, 0.3785, 0.3671

Background



This preview shows how black text looks on a background with the Yxy color 57.5288, 0.3785, 0.3671.



This preview shows how white text looks on a background with the Yxy color 57.5288, 0.3785, 0.3671.

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

57.5288, 0.3785, 0.3671

Protanopia

57.8788, 0.3519, 0.3755

Deuteranopia

57.6260, 0.3764, 0.3684



Tritanopia

57.5222, 0.3489, 0.3139

Trichromacy



Original Color

57.5288, 0.3785, 0.3671

Protanomaly

57.8427, 0.3611, 0.3721

Deuteranomaly

57.7958, 0.3772, 0.3683

Tritanomaly

57.3521, 0.3595, 0.3324

Monochromacy



Original Color

57.5288, 0.3785, 0.3671

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.7314, 0.3355, 0.3431

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.5288, 0.3785, 0.3671 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, 157)` looks like.

```
.text, #text, p{  
  color:rgb(236, 191, 157)  
}
```

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, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 191, 157) }
```

Border

The CSS property to change the border of an element to Yxy 57.5288, 0.3785, 0.3671 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, 157) }
```

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

```
.border{ border-color:rgb(236, 191, 157) }
```

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, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 191, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 191, 157);  
box-shadow:4px 4px 4px 4px rgb(236, 191,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 57.5288, 0.3785, 0.3671 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, 157) }
```

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

```
.background{ background-color: rgb(236,  
191, 157) }
```

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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