

Converting Colors

Yxy(56.9539, 0.3755, 0.3634)

Have a look what the booklet for
Yxy(56.9539, 0.3755, 0.3634)
contains.

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Color

Yxy(57.0271, 0.3754, 0.3628)

Conversions

Conversions Part 1

Format	Color
Hex	EBBEA0
RGB	235, 190, 160
RGB Percent	92%, 75%, 63%
CMY	0.0786, 0.2548, 0.3726
CMYK	0.00, 0.19, 0.32, 0.08
HSL	24°, 65%, 77%
HSV	24°, 32%, 92%
XYZ	59.0076, 57.0271, 41.1513
YIQ	200.0350, 36.4500, 0.2100

Conversions

Conversions Part 2

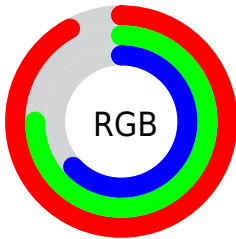
Format	Color
R _Y B	235, 210, 160
Decimal	15449760
CIE Lab	80.19, 11.91, 21.25
CIE LCh	80, 24.361, 60.739
Yxy	57.0271, 0.3754, 0.3628
Android (android.graphics.Color)	4293639840 (0xFFEBBEA0)
YUV	200.0350, -19.7373, 30.6643
Hunter-Lab	75.5163, 7.3245, 20.5523

Details

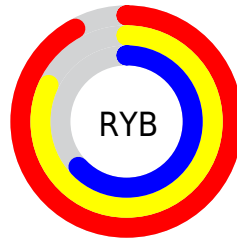
The Yxy color $57.0271, 0.3754, 0.3628$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $57.0941, 0.2627, 0.2924$, and the grayscale version is $57.8877, 0.3127, 0.3290$.

A 20% lighter version of the original color is $92.0778, 0.3377, 0.3596$, and $28.4390, 0.3921, 0.3715$ is the 20% darker color. If you saturate the color by 10%, you get $50.4741, 0.4015, 0.3737$, and if you desaturate by 10%, it is $64.3303, 0.3525, 0.3518$.

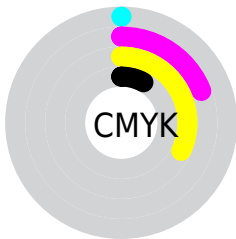
Distribution



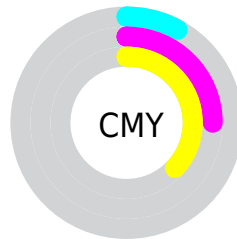
- Red (92%)
- Green (75%)
- Blue (63%)



- Red (92%)
- Yellow (82%)
- Blue (63%)



- Cyan (0%)
- Magenta (19%)
- Yellow (32%)
- Black (8%)





- Cyan (8%)
- Magenta (25%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.0271, 0.3754, 0.3628 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 57.0271, 0.3754, 0.3628 by changing the saturation by 10% instead.


 57.0271, 0.3754,
0.3628


 57.0271, 0.3754,
0.3628


413.5508, 0.3449,
0.3472

 41.0270, 0.3827,
0.3663


 100.5047, 0.3645,
0.3574

 28.3402, 0.3919,
0.3705


 128.7510, 0.3604,
0.3553

 18.5823, 0.4037,
0.3758


161.8482, 0.3569,
0.3535

 11.3688, 0.4196,
0.3823

200.1807, 0.3538,
0.3519

 6.3155, 0.4419,
0.3905

244.1327, 0.3512,
0.3506

 3.0378, 0.4746,
0.4004

294.0889, 0.3488,

 1.1515, 0.5622,

0.3493

0.4378

350.4334, 0.3468,
0.3482

0.0216, 0.9352,
0.0648

0.0000, 0.0000,
0.0000

57.0271, 0.3754,
0.3628

57.0271, 0.3754,
0.3628

50.4741, 0.4015,
0.3737

64.3303, 0.3525,
0.3518

44.6379, 0.4308,
0.3836

72.3998, 0.3327,
0.3410

39.4941, 0.4623,
0.3916

81.2611, 0.3157,
0.3309

35.0137, 0.4948,
0.3964

90.9360, 0.3011,
0.3214

■ 31.1650, 0.5261,
0.3966

■ 96.3943, 0.3005,
0.3290

■ 27.9128, 0.5535,
0.3914

■ 25.6827, 0.5720,
0.3840

Harmonies

Analogous

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



57.0271, 0.3718, 0.3374



57.0271, 0.3754, 0.3628



57.0271, 0.3613, 0.3810

Triad

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



57.0271, 0.3754, 0.3628



57.0271, 0.2745, 0.3463



57.0271, 0.2890, 0.2782

Complementary

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



57.0271, 0.3754, 0.3628



57.0941, 0.2627, 0.2924

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.



57.0271, 0.2650, 0.2782



57.0271, 0.3754, 0.3628



57.0271, 0.2569, 0.3158

Square

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



57.0271, 0.3754, 0.3628



57.0271, 0.3026, 0.3728



57.0271, 0.2536, 0.2912



57.0271, 0.3206, 0.2903

Rectangle

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



57.0271, 0.3754, 0.3628



57.0271, 0.3444, 0.3859



57.0271, 0.2536, 0.2912



57.0271, 0.2798, 0.2768

Sweetspot

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



57.0298, 0.3754, 0.3628



89.0982, 0.3293, 0.3391



47.2000, 0.3425, 0.2796



18.7595, 0.3319, 0.3406



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.



57.0298, 0.3754, 0.3628



63.6286, 0.3914, 0.3697



75.3811, 0.3631, 0.4014



16.0445, 0.3283, 0.3385



14.5338, 0.5692, 0.3862



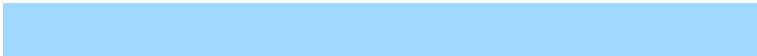
1.3250, 0.5439, 0.4063

Inverse Universe

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



57.0941, 0.2627, 0.2924



63.7029, 0.2530, 0.2839



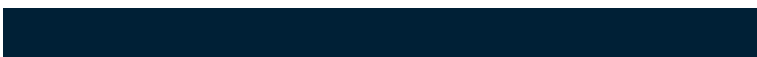
41.2856, 0.2569, 0.2444



16.0507, 0.2981, 0.3193



14.1727, 0.1868, 0.1923



1.3004, 0.1926, 0.2132

Previews

White Background



This preview shows how the Yxy color 57.0271, 0.3754, 0.3628 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 57.0271, 0.3754, 0.3628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

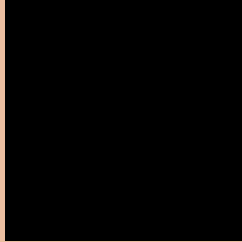
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.0271, 0.3754, 0.3628

Background



This preview shows how black text looks on a background with the Yxy color 57.0271, 0.3754, 0.3628.



This preview shows how white text looks on a background with the Yxy color 57.0271, 0.3754, 0.3628.

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

57.0271, 0.3754, 0.3628

Protanopia

57.3761, 0.3490, 0.3708

Deuteranopia

56.9555, 0.3725, 0.3642



Tritanopia

57.1722, 0.3472, 0.3139

Trichromacy



Original Color

57.0271, 0.3754, 0.3628

Protanomaly

57.3398, 0.3582, 0.3676

Deuteranomaly

57.1233, 0.3734, 0.3641

Tritanomaly

57.2206, 0.3578, 0.3313

Monochromacy



Original Color

57.0271, 0.3754, 0.3628

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.1288, 0.3349, 0.3420

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0271, 0.3754, 0.3628 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(235, 190, 160)` looks like.

```
.text, #text, p{  
    color:rgb(235, 190, 160)  
}
```

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(235, 190, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 190, 160) }
```

Border

The CSS property to change the border of an element to Yxy 57.0271, 0.3754, 0.3628 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(235, 190, 160) }
```

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

```
.border{ border-color:rgb(235, 190, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 190, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 190, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 190, 160);  
box-shadow:4px 4px 4px 4px rgb(235, 190,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0271, 0.3754, 0.3628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 190, 160) }
```

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

```
.background{ background-color: rgb(235,  
190, 160) }
```

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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