

Converting Colors

$Yxy(58.5521, 0.3961, 0.3943)$

Have a look what the booklet for
Yxy(58.5521, 0.3961, 0.3943)
contains.

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Color

Yxy(58.3374, 0.3958, 0.3941)

Conversions

Conversions Part 1

Format	Color
Hex	EDC287
RGB	237, 194, 135
RGB Percent	93%, 76%, 53%
CMY	0.0706, 0.2392, 0.4705
CMYK	0.00, 0.18, 0.43, 0.07
HSL	35°, 74%, 73%
HSV	35°, 43%, 93%
XYZ	58.5890, 58.3374, 31.1005
YIQ	200.1310, 44.5670, -9.2330

Conversions

Conversions Part 2

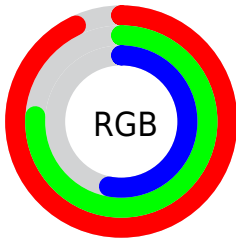
Format	Color
R _Y B	209, 237, 135
Decimal	15581831
CIE Lab	80.93, 7.74, 35.40
CIE LCh	81, 36.237, 77.659
Yxy	58.3374, 0.3958, 0.3941
Android (android.graphics.Color)	4293771911 (0xFFEDC287)
YUV	200.1310, -32.1096, 32.3341
Hunter-Lab	76.3789, 3.2614, 29.3232

Details

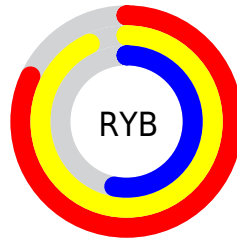
The Yxy color **58.3374, 0.3958, 0.3941** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **43.1086, 0.2415, 0.2527**, and the grayscale version is **58.0269, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.3053, 0.3531, 0.3894**, and **29.2736, 0.4158, 0.4096** is the 20% darker color. If you saturate the color by 10%, you get **53.4465, 0.4196, 0.4081**, and if you desaturate by 10%, it is **63.6813, 0.3733, 0.3789**.

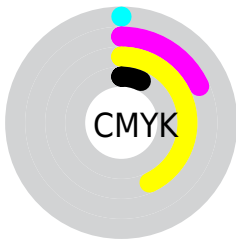
Distribution



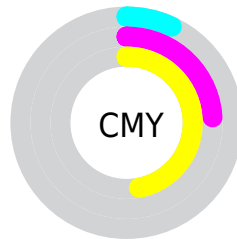
- Red (93%)
- Green (76%)
- Blue (53%)



- Red (82%)
- Yellow (93%)
- Blue (53%)



- Cyan (0%)
- Magenta (18%)
- Yellow (43%)
- Black (7%)




- Cyan (7%)
- Magenta (24%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.3374, 0.3958, 0.3941 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 58.3374, 0.3958, 0.3941 by changing the saturation by 10% instead.


 58.3374, 0.3958,
0.3941


 58.3374, 0.3958,
0.3941


418.4420, 0.3562,
0.3641


 42.0800, 0.4049,
0.4007


 102.4140, 0.3819,
0.3839

 29.1639, 0.4162,
0.4086


 131.0020, 0.3766,
0.3798

 19.2048, 0.4303,
0.4181


 164.4689, 0.3720,
0.3763

 11.8184, 0.4482,
0.4296

203.1993, 0.3680,
0.3733

 6.6201, 0.4712,
0.4429

247.5773, 0.3645,
0.3706

 3.2257, 0.5193,
0.4738

297.9875, 0.3614,

 1.2507, 0.5357,

0.3682

0.4643

354.8143, 0.3586,
0.3661

0.1025, 0.7365,
0.2635

0.0000, 0.0000,
0.0000

58.3374, 0.3958,
0.3941

58.3374, 0.3958,
0.3941

53.4465, 0.4196,
0.4081

63.6813, 0.3733,
0.3789

48.9846, 0.4441,
0.4199

69.4847, 0.3526,
0.3633

44.9372, 0.4679,
0.4280

75.7642, 0.3340,
0.3479

41.2853, 0.4899,
0.4315

82.5329, 0.3174,
0.3333

■ 38.0066, 0.5086,
0.4295

■ 89.8033, 0.3027,
0.3195

■ 35.9213, 0.5198,
0.4255

■ 96.0729, 0.3017,
0.3279

■ 96.7431, 0.3017,
0.3290

Harmonies

Analogous

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



58.3374, 0.4066, 0.3608



58.3374, 0.3958, 0.3941



58.3374, 0.3624, 0.4130

Triad

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



58.3374, 0.3958, 0.3941



58.3374, 0.2404, 0.3277



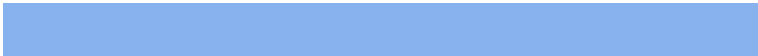
58.3374, 0.3026, 0.2643

Complementary

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



58.3374, 0.3958, 0.3941



43.1086, 0.2415, 0.2527

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.



58.3374, 0.2608, 0.2538



58.3374, 0.3958, 0.3941



58.3374, 0.2271, 0.2862

Square

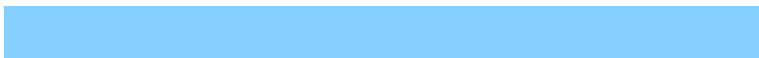
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



58.3374, 0.3958, 0.3941



58.3374, 0.2726, 0.3741



58.3374, 0.2342, 0.2607



58.3374, 0.3506, 0.2890

Rectangle

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



58.3374, 0.3958, 0.3941



58.3374, 0.3327, 0.4122



58.3374, 0.2342, 0.2607



58.3374, 0.2874, 0.2590

Sweetspot

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



58.3402, 0.3958, 0.3941



89.4522, 0.3340, 0.3480



38.5996, 0.3754, 0.2801



18.7842, 0.3380, 0.3513



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.



58.3402, 0.3958, 0.3941



63.5707, 0.4177, 0.4071



79.1685, 0.3717, 0.4370



16.5014, 0.3278, 0.3426



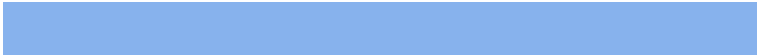
19.8787, 0.5177, 0.4271



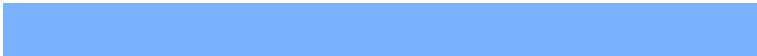
1.7507, 0.5004, 0.4409

Inverse Universe

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



43.1086, 0.2415, 0.2527



43.3447, 0.2262, 0.2328



29.1820, 0.2367, 0.1970



15.5925, 0.2980, 0.3150



8.5509, 0.1703, 0.1329



0.8581, 0.1778, 0.1600

Previews

White Background



This preview shows how the Yxy color 58.3374, 0.3958, 0.3941 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 58.3374, 0.3958, 0.3941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

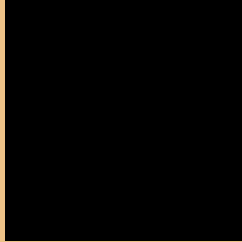
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.3374, 0.3958, 0.3941

Background



This preview shows how black text looks on a background with the Yxy color 58.3374, 0.3958, 0.3941.



This preview shows how white text looks on a background with the Yxy color 58.3374, 0.3958, 0.3941.

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

58.3374, 0.3958, 0.3941

Protanopia

58.5137, 0.3741, 0.4025

Deuteranopia

58.1493, 0.4002, 0.3912



Tritanopia

58.3426, 0.3496, 0.3141

Trichromacy



Original Color

58.3374, 0.3958, 0.3941

Protanomaly

58.2019, 0.3821, 0.3988

Deuteranomaly

58.4145, 0.3989, 0.3924

Tritanomaly

58.2306, 0.3675, 0.3434

Monochromacy



Original Color

58.3374, 0.3958, 0.3941

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.6689, 0.3415, 0.3551

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.3374, 0.3958, 0.3941 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(237, 194, 135)` looks like.

```
.text, #text, p{  
    color:rgb(237, 194, 135)  
}
```

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(237, 194, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 194, 135) }
```

Border

The CSS property to change the border of an element to Yxy 58.3374, 0.3958, 0.3941 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(237, 194, 135) }
```

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

```
.border{ border-color:rgb(237, 194, 135) }
```

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

Here you see how a box with a 4 pixel rgb(237, 194, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 194, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 194, 135);  
box-shadow:4px 4px 4px 4px rgb(237, 194,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 58.3374, 0.3958, 0.3941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 194, 135) }
```

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

```
.background{ background-color: rgb(237,  
194, 135) }
```

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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