

Converting Colors

$Yxy(58.3753, 0.3736, 0.3649)$

Have a look what the booklet for
Yxy(58.3753, 0.3736, 0.3649)
contains.

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Color

Yxy(58.3753, 0.3736, 0.3649)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EBC1A1 |
| RGB | 235, 193, 161 |
| RGB Percent | 92%, 76%, 63% |
| CMY | 0.0784, 0.2431, 0.3686 |
| CMYK | 0.00, 0.18, 0.31, 0.08 |
| HSL | 26°, 65%, 78% |
| HSV | 26°, 31%, 92% |
| XYZ | 59.7671, 58.3753, 41.8338 |
| YIQ | 201.9100, 35.3040, -1.0480 |

Conversions

Conversions Part 2

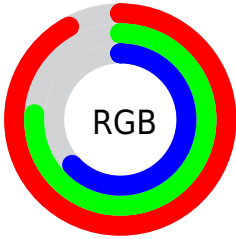
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 235, 217, 161 |
| Decimal | 15450529 |
| CIE Lab | 80.95, 10.49, 21.75 |
| CIE LCh | 81, 24.150, 64.262 |
| Yxy | 58.3753, 0.3736, 0.3649 |
| Android (android.graphics.Color) | 4293640609 (0xFFEBC1A1) |
| YUV | 201.9100, -20.1686, 29.0199 |
| Hunter-Lab | 76.4037, 5.9257, 21.0192 |

Details

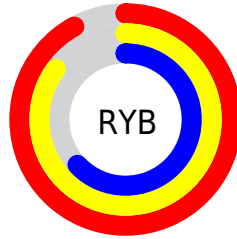
The Yxy color **58.3753, 0.3736, 0.3649** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.2928, 0.2630, 0.2900**, and the grayscale version is **59.1173, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9692, 0.3366, 0.3615**, and **29.0343, 0.3898, 0.3729** is the 20% darker color. If you saturate the color by 10%, you get **51.9908, 0.3989, 0.3766**, and if you desaturate by 10%, it is **65.4531, 0.3513, 0.3530**.

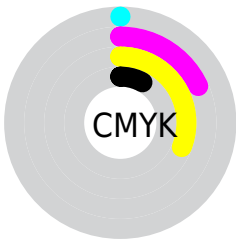
Distribution



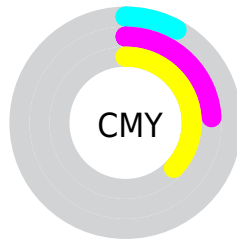
- Red (92%)
- Green (76%)
- Blue (63%)



- Red (92%)
- Yellow (85%)
- Blue (63%)



- Cyan (0%)
- Magenta (18%)
- Yellow (31%)
- Black (8%)





- Cyan (8%)
- Magenta (24%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.3753, 0.3736, 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 58.3753, 0.3736, 0.3649 by changing the saturation by 10% instead.


 58.3753, 0.3736,
0.3649


 58.3753, 0.3736,
0.3649


418.5829, 0.3442,
0.3483

 42.1104, 0.3806,
0.3686


 102.4692, 0.3631,
0.3592

 29.1878, 0.3894,
0.3732


 131.0670, 0.3591,
0.3569

 19.2229, 0.4007,
0.3788


164.5446, 0.3557,
0.3550

 11.8315, 0.4159,
0.3859

203.2863, 0.3528,
0.3533

 6.6290, 0.4369,
0.3950

247.6767, 0.3502,
0.3518

 3.2312, 0.4675,
0.4062

298.0999, 0.3480,

 1.2536, 0.5519,

0.3505

354.9406, 0.3459,
0.3494

0.4481

0.1048, 0.7723,
0.2277

0.0000, 0.0000,
0.0000

58.3753, 0.3736,
0.3649

58.3753, 0.3736,
0.3649

51.9908, 0.3989,
0.3766

65.4531, 0.3513,
0.3530

46.2687, 0.4270,
0.3874

73.2376, 0.3318,
0.3415

41.1875, 0.4572,
0.3963

81.7519, 0.3150,
0.3306

36.7213, 0.4882,
0.4019

91.0156, 0.3006,
0.3204

■ 32.8416, 0.5179,
0.4030

■ 96.4046, 0.3005,
0.3290

■ 29.5167, 0.5442,
0.3986

■ 27.0919, 0.5629,
0.3912

Harmonies

Analogous

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



58.3753, 0.3722, 0.3404



58.3753, 0.3736, 0.3649



58.3753, 0.3580, 0.3815

Triad

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



58.3753, 0.3736, 0.3649



58.3753, 0.2724, 0.3425



58.3753, 0.2928, 0.2798

Complementary

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



58.3753, 0.3736, 0.3649



56.2928, 0.2630, 0.2900

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.



58.3753, 0.2679, 0.2783



58.3753, 0.3736, 0.3649



58.3753, 0.2567, 0.3128

Square

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



58.3753, 0.3736, 0.3649



58.3753, 0.2992, 0.3695



58.3753, 0.2551, 0.2897



58.3753, 0.3242, 0.2929

Rectangle

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



58.3753, 0.3736, 0.3649



58.3753, 0.3405, 0.3850



58.3753, 0.2551, 0.2897



58.3753, 0.2834, 0.2779

Sweetspot

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



58.3780, 0.3736, 0.3649



90.5773, 0.3275, 0.3388



47.5214, 0.3432, 0.2815



19.0758, 0.3300, 0.3404



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.



58.3780, 0.3736, 0.3649



65.0395, 0.3902, 0.3728



76.1913, 0.3621, 0.4017



16.1253, 0.3282, 0.3392



15.3188, 0.5602, 0.3934



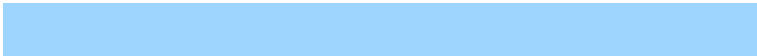
1.3908, 0.5360, 0.4126

Inverse Universe

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



56.2928, 0.2630, 0.2900



62.1393, 0.2525, 0.2802



41.2739, 0.2575, 0.2441



15.9681, 0.2981, 0.3186



12.9926, 0.1837, 0.1812



1.2109, 0.1899, 0.2035

Previews

White Background



This preview shows how the Yxy color 58.3753, 0.3736, 0.3649 looks on a white background.

Color Contrast Check

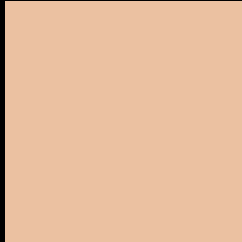
Large Text (above 18pt) WCAG AA × Fail

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 58.3753, 0.3736, 0.3649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

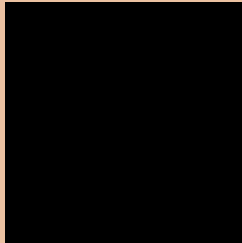
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.3753, 0.3736, 0.3649

Background



This preview shows how black text looks on a background with the Yxy color 58.3753, 0.3736, 0.3649.



This preview shows how white text looks on a background with the Yxy color 58.3753, 0.3736, 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

58.3753, 0.3736, 0.3649

Protanopia

58.6360, 0.3494, 0.3717

Deuteranopia

58.2056, 0.3727, 0.3650



Tritanopia

58.1556, 0.3444, 0.3128

Trichromacy



Original Color

58.3753, 0.3736, 0.3649

Protanomaly

58.4407, 0.3577, 0.3686

Deuteranomaly

58.2056, 0.3727, 0.3650

Tritanomaly

58.1602, 0.3556, 0.3313

Monochromacy



Original Color

58.3753, 0.3736, 0.3649

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.7308, 0.3337, 0.3431

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.3753, 0.3736, 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(235, 193, 161)` looks like.

```
.text, #text, p{  
    color:rgb(235, 193, 161)  
}
```

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, 193, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 193, 161) }
```

Border

The CSS property to change the border of an element to Yxy 58.3753, 0.3736, 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(235, 193, 161) }
```

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

```
.border{ border-color:rgb(235, 193, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 193, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 193, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 193, 161);  
box-shadow:4px 4px 4px 4px rgb(235, 193,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 58.3753, 0.3736, 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(235, 193, 161) }
```

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

```
.background{ background-color: rgb(235,  
193, 161) }
```

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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