

Converting Colors

Yxy(57.2883, 0.3724, 0.3591)

Have a look what the booklet for
Yxy(57.2883, 0.3724, 0.3591)
contains.

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Color

Yxy(57.1694, 0.3721, 0.3583)

Conversions

Conversions Part 1

Format	Color
Hex	EBBEA4
RGB	235, 190, 164
RGB Percent	92%, 75%, 64%
CMY	0.0785, 0.2549, 0.3569
CMYK	0.00, 0.19, 0.30, 0.08
HSL	22°, 64%, 78%
HSV	22°, 30%, 92%
XYZ	59.3713, 57.1694, 43.0167
YIQ	200.4910, 35.1660, 1.4540

Conversions

Conversions Part 2

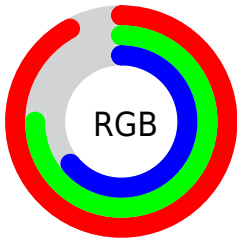
Format	Color
R _Y B	235, 205, 164
Decimal	15449764
CIE Lab	80.27, 12.44, 19.24
CIE LCh	80, 22.908, 57.117
Yxy	57.1694, 0.3721, 0.3583
Android (android.graphics.Color)	4293639844 (0xFFEBBEA4)
YUV	200.4910, -17.9901, 30.2644
Hunter-Lab	75.6104, 7.8446, 19.1958

Details

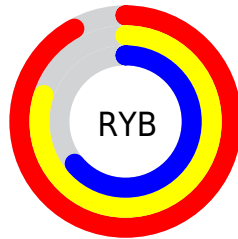
The Yxy color $57.1694, 0.3721, 0.3583$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $59.4682, 0.2657, 0.2976$, and the grayscale version is $58.1745, 0.3127, 0.3290$.

A 20% lighter version of the original color is $92.2860, 0.3352, 0.3556$, and $28.5262, 0.3876, 0.3657$ is the 20% darker color. If you saturate the color by 10%, you get $50.2777, 0.3984, 0.3683$, and if you desaturate by 10%, it is $64.8818, 0.3493, 0.3482$.

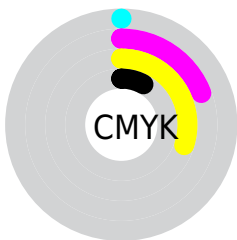
Distribution



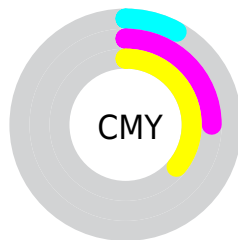
- Red (92%)
- Green (75%)
- Blue (64%)



- Red (92%)
- Yellow (80%)
- Blue (64%)



- Cyan (0%)
- Magenta (19%)
- Yellow (30%)
- Black (8%)





- Cyan (8%)
- Magenta (25%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.1694, 0.3721, 0.3583 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 57.1694, 0.3721, 0.3583 by changing the saturation by 10% instead.


 57.1694, 0.3721,
0.3583


 57.1694, 0.3721,
0.3583

414.0838, 0.3432,
0.3448

 41.1413, 0.3790,
0.3613


 100.7123, 0.3618,
0.3537

 28.4295, 0.3878,
0.3650


 128.9959, 0.3579,
0.3519

 18.6497, 0.3991,
0.3695


162.1334, 0.3545,
0.3503

 11.4174, 0.4143,
0.3752

200.5092, 0.3516,
0.3489

 6.3483, 0.4357,
0.3823

244.5078, 0.3491,
0.3477

 3.0580, 0.4676,
0.3910

294.5135, 0.3469,

 1.1621, 0.5651,

0.3466

0.4349

350.9107, 0.3450,
0.3457

0.0304, 0.9162,
0.0838

0.0000, 0.0000,
0.0000

57.1694, 0.3721,
0.3583

57.1694, 0.3721,
0.3583

50.2777, 0.3984,
0.3683

64.8818, 0.3493,
0.3482

44.1703, 0.4282,
0.3777

73.4337, 0.3297,
0.3384

38.8200, 0.4608,
0.3852

82.8533, 0.3131,
0.3292

34.1942, 0.4949,
0.3899

92.9719, 0.3005,
0.3236

■ 30.2581, 0.5283,
0.3903

■ 96.4006, 0.3005,
0.3290

■ 26.9726, 0.5579,
0.3855

■ 24.3397, 0.5815,
0.3765

Harmonies

Analogous

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



57.1694, 0.3666, 0.3340



57.1694, 0.3721, 0.3583



57.1694, 0.3608, 0.3765

Triad

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



57.1694, 0.3721, 0.3583



57.1694, 0.2795, 0.3487



57.1694, 0.2872, 0.2805

Complementary

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



57.1694, 0.3721, 0.3583



59.4682, 0.2657, 0.2976

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.



57.1694, 0.2658, 0.2820



57.1694, 0.3721, 0.3583



57.1694, 0.2615, 0.3200

Square

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



57.1694, 0.3721, 0.3583



57.1694, 0.3069, 0.3723



57.1694, 0.2566, 0.2958



57.1694, 0.3164, 0.2906

Rectangle

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



57.1694, 0.3721, 0.3583



57.1694, 0.3457, 0.3821



57.1694, 0.2566, 0.2958



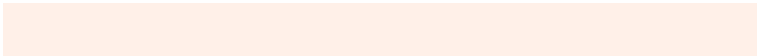
57.1694, 0.2789, 0.2796

Sweetspot

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



57.1721, 0.3721, 0.3583



89.6824, 0.3276, 0.3373



48.8638, 0.3374, 0.2786



18.8561, 0.3302, 0.3387



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.



57.1721, 0.3721, 0.3583



63.7776, 0.3873, 0.3643



73.8339, 0.3614, 0.3941



15.9583, 0.3284, 0.3377



13.7699, 0.5786, 0.3787



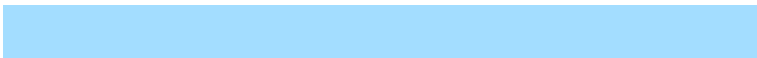
1.2593, 0.5524, 0.3996

Inverse Universe

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



59.4682, 0.2657, 0.2976



66.9237, 0.2566, 0.2904



44.4041, 0.2607, 0.2541



16.1395, 0.2981, 0.3202



15.5263, 0.1901, 0.2044



1.4015, 0.1955, 0.2236

Previews

White Background



This preview shows how the Yxy color 57.1694, 0.3721, 0.3583 looks on a white background.

Color Contrast Check

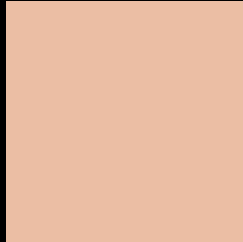
Large Text (above 18pt) WCAG AA × Fail

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 57.1694, 0.3721, 0.3583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

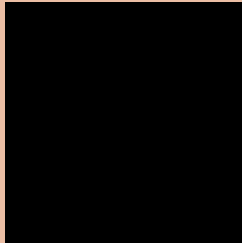
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.1694, 0.3721, 0.3583

Background



This preview shows how black text looks on a background with the Yxy color 57.1694, 0.3721, 0.3583.



This preview shows how white text looks on a background with the Yxy color 57.1694, 0.3721, 0.3583.

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

57.1694, 0.3721, 0.3583

Protanopia

57.3756, 0.3450, 0.3661

Deuteranopia

57.3685, 0.3680, 0.3608



Tritanopia

57.1722, 0.3472, 0.3139

Trichromacy



Original Color

57.1694, 0.3721, 0.3583

Protanomaly

57.3299, 0.3541, 0.3630

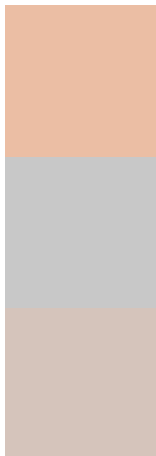
Deuteranomaly

57.0977, 0.3692, 0.3596

Tritanomaly

57.2630, 0.3569, 0.3302

Monochromacy



Original Color

57.1694, 0.3721, 0.3583

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.2138, 0.3333, 0.3396

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1694, 0.3721, 0.3583 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, 164)` looks like.

```
.text, #text, p{  
    color:rgb(235, 190, 164)  
}
```

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, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 190, 164) }
```

Border

The CSS property to change the border of an element to Yxy 57.1694, 0.3721, 0.3583 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, 164) }
```

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

```
.border{ border-color:rgb(235, 190, 164) }
```

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, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 190, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 190, 164);  
box-shadow:4px 4px 4px 4px rgb(235, 190,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1694, 0.3721, 0.3583 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, 164) }
```

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

```
.background{ background-color: rgb(235,  
190, 164) }
```

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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