

Converting Colors

Yxy(58.6982, 0.3728, 0.3749)

Have a look what the booklet for
Yxy(58.6982, 0.3728, 0.3749)
contains.

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Color

Yxy(58.7031, 0.3723, 0.3744)

Conversions

Conversions Part 1

Format	Color
Hex	E6C49C
RGB	230, 196, 156
RGB Percent	90%, 77%, 61%
CMY	0.0981, 0.2313, 0.3882
CMYK	0.00, 0.15, 0.32, 0.10
HSL	32°, 60%, 76%
HSV	32°, 32%, 90%
XYZ	58.3738, 58.7031, 39.7155
YIQ	201.6060, 33.1040, -5.2320

Conversions

Conversions Part 2

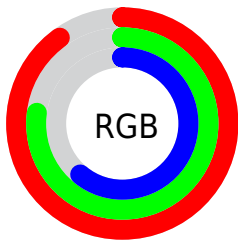
Format	Color
R _Y B	219, 230, 156
Decimal	15123612
CIE Lab	81.13, 6.35, 24.56
CIE LCh	81, 25.371, 75.501
Yxy	58.7031, 0.3723, 0.3744
Android (android.graphics.Color)	4293313692 (0xFFE6C49C)
YUV	201.6060, -22.4838, 24.9015
Hunter-Lab	76.6179, 1.9145, 22.8991

Details

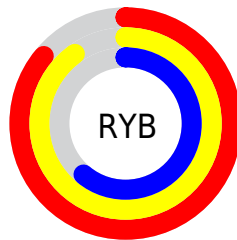
The Yxy color **58.7031, 0.3723, 0.3744** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **49.6143, 0.2607, 0.2787**, and the grayscale version is **58.9337, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2137, 0.3391, 0.3702**, and **29.2297, 0.3878, 0.3855** is the 20% darker color. If you saturate the color by 10%, you get **53.3979, 0.3954, 0.3888**, and if you desaturate by 10%, it is **64.4971, 0.3513, 0.3598**.

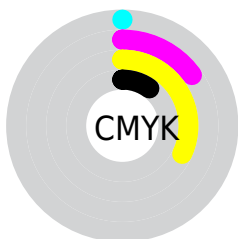
Distribution



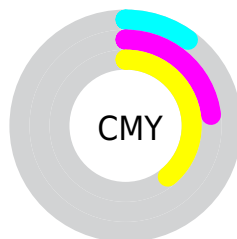
- Red (90%)
- Green (77%)
- Blue (61%)



- Red (86%)
- Yellow (90%)
- Blue (61%)



- Cyan (0%)
- Magenta (15%)
- Yellow (32%)
- Black (10%)





- Cyan (10%)
- Magenta (23%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.7031, 0.3723, 0.3744 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 58.7031, 0.3723, 0.3744 by changing the saturation by 10% instead.

 58.7031, 0.3723,
0.3744

 58.7031, 0.3723,
0.3744

419.8008, 0.3436,
0.3531

 42.3742, 0.3791,
0.3792

 102.9460, 0.3622,
0.3670

 29.3944, 0.3875,
0.3852


 131.6288, 0.3583,
0.3641

 19.3794, 0.3983,
0.3927


165.1983, 0.3550,
0.3617

 11.9447, 0.4126,
0.4022

204.0390, 0.3521,
0.3595

 6.7060, 0.4321,
0.4145

248.5351, 0.3496,
0.3576

 3.2790, 0.4602,
0.4308

299.0712, 0.3474,

 1.2790, 0.5269,

0.3560

0.4731

356.0316, 0.3454,
0.3545

0.1249, 0.6867,
0.3133

0.0000, 0.0000,
0.0000

58.7031, 0.3723,
0.3744

58.7031, 0.3723,
0.3744

53.3979, 0.3954,
0.3888

64.4971, 0.3513,
0.3598

48.5582, 0.4203,
0.4021

70.7860, 0.3326,
0.3455

44.1703, 0.4461,
0.4132

77.5863, 0.3160,
0.3318

40.2166, 0.4718,
0.4210

84.9109, 0.3015,
0.3191

■ 36.6779, 0.4959,
0.4241

■ 91.6972, 0.2975,
0.3228

■ 33.5318, 0.5167,
0.4219

■ 95.5621, 0.2976,
0.3290

■ 31.3175, 0.5307,
0.4168

Harmonies

Analogous

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



58.7031, 0.3779, 0.3509



58.7031, 0.3723, 0.3744



58.7031, 0.3504, 0.3871

Triad

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



58.7031, 0.3723, 0.3744



58.7031, 0.2627, 0.3311



58.7031, 0.3037, 0.2815

Complementary

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



58.7031, 0.3723, 0.3744



49.6143, 0.2607, 0.2787

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.



58.7031, 0.2743, 0.2750



58.7031, 0.3723, 0.3744



58.7031, 0.2517, 0.3016

Square

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



58.7031, 0.3723, 0.3744



58.7031, 0.2870, 0.3620



58.7031, 0.2558, 0.2817



58.7031, 0.3371, 0.2989

Rectangle

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



58.7031, 0.3723, 0.3744



58.7031, 0.3299, 0.3865



58.7031, 0.2558, 0.2817



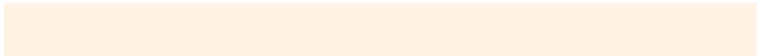
58.7031, 0.2931, 0.2779

Sweetspot

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



58.7058, 0.3723, 0.3744



91.2161, 0.3289, 0.3425



44.3478, 0.3522, 0.2899



19.2711, 0.3314, 0.3445



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.



58.7058, 0.3723, 0.3744



69.3961, 0.3884, 0.3846



75.4088, 0.3593, 0.4096



15.6522, 0.3279, 0.3417



17.9786, 0.5285, 0.4186



1.5139, 0.5082, 0.4346

Inverse Universe

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



49.6143, 0.2607, 0.2787



56.1304, 0.2489, 0.2655



36.8157, 0.2571, 0.2345



14.9729, 0.2981, 0.3160



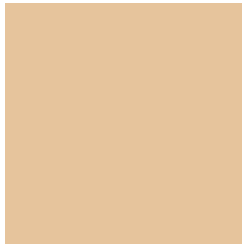
9.2714, 0.1736, 0.1449



0.8692, 0.1813, 0.1727

Previews

White Background



This preview shows how the Yxy color 58.7031, 0.3723, 0.3744 looks on a white background.

Color Contrast Check

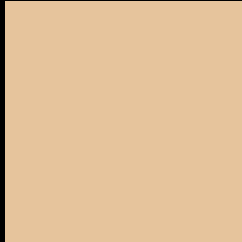
Large Text (above 18pt) WCAG AA × Fail

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 58.7031, 0.3723, 0.3744 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 58.7031, 0.3723, 0.3744

Background



This preview shows how black text looks on a background with the Yxy color 58.7031, 0.3723, 0.3744.



This preview shows how white text looks on a background with the Yxy color 58.7031, 0.3723, 0.3744.

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

58.7031, 0.3723, 0.3744

Protanopia

58.6890, 0.3564, 0.3798

Deuteranopia

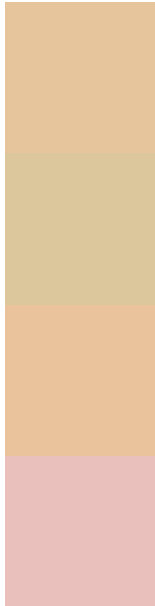
58.8508, 0.3774, 0.3703



Tritanopia

58.4170, 0.3391, 0.3127

Trichromacy



Original Color

58.7031, 0.3723, 0.3744

Protanomaly

58.4968, 0.3620, 0.3780

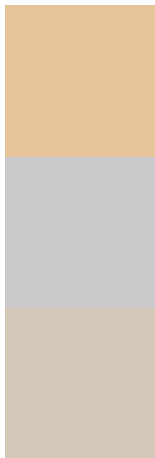
Deuteranomaly

58.9570, 0.3753, 0.3717

Tritanomaly

58.6108, 0.3507, 0.3347

Monochromacy



Original Color

58.7031, 0.3723, 0.3744

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.8084, 0.3334, 0.3467

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.7031, 0.3723, 0.3744 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(230, 196, 156)` looks like.

```
.text, #text, p{  
    color:rgb(230, 196, 156)  
}
```

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(230, 196, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 196, 156) }
```

Border

The CSS property to change the border of an element to Yxy 58.7031, 0.3723, 0.3744 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(230, 196, 156) }
```

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

```
.border{ border-color:rgb(230, 196, 156) }
```

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

Here you see how a box with a 4 pixel rgb(230, 196, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 196, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 196, 156);  
box-shadow:4px 4px 4px 4px rgb(230, 196,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 58.7031, 0.3723, 0.3744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 196, 156) }
```

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

```
.background{ background-color: rgb(230,  
196, 156) }
```

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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