

Converting Colors

Yxy(56.9857, 0.3682, 0.3680)

Have a look what the booklet for
Yxy(56.9857, 0.3682, 0.3680)
contains.

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Color

Yxy(56.9740, 0.3683, 0.3681)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E3C19F |
| RGB | 227, 193, 159 |
| RGB Percent | 89%, 76%, 62% |
| CMY | 0.1098, 0.2431, 0.3764 |
| CMYK | 0.00, 0.15, 0.30, 0.11 |
| HSL | 30°, 55%, 76% |
| HSV | 30°, 30%, 89% |
| XYZ | 57.0050, 56.9740, 40.7996 |
| YIQ | 199.2900, 31.1780, -3.3660 |

Conversions

Conversions Part 2

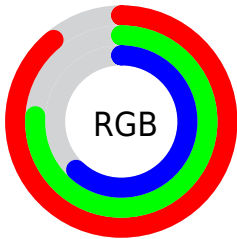
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 227, 227, 159 |
| Decimal | 14926239 |
| CIE Lab | 80.16, 7.15, 21.61 |
| CIE LCh | 80, 22.767, 71.684 |
| Yxy | 56.9740, 0.3683, 0.3681 |
| Android (android.graphics.Color) | 4293116319 (0xFFE3C19F) |
| YUV | 199.2900, -19.8630, 24.3017 |
| Hunter-Lab | 75.4811, 2.7150, 20.7889 |

Details

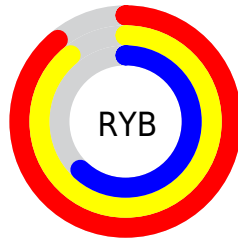
The Yxy color **56.9740, 0.3683, 0.3681** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.0562, 0.2649, 0.2863**, and the grayscale version is **57.4112, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8664, 0.3379, 0.3635**, and **28.4756, 0.3834, 0.3787** is the 20% darker color. If you saturate the color by 10%, you get **51.4330, 0.3917, 0.3816**, and if you desaturate by 10%, it is **63.0499, 0.3473, 0.3545**.

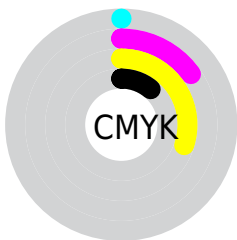
Distribution



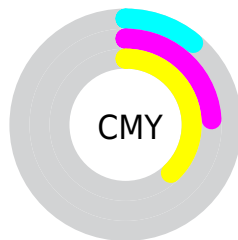
- Red (89%)
- Green (76%)
- Blue (62%)



- Red (89%)
- Yellow (89%)
- Blue (62%)



- Cyan (0%)
- Magenta (15%)
- Yellow (30%)
- Black (11%)




- Cyan (11%)
- Magenta (24%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.9740, 0.3683, 0.3681 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 56.9740, 0.3683, 0.3681 by changing the saturation by 10% instead.


 56.9740, 0.3683,
0.3681

 56.9740, 0.3683,
0.3681


413.3519, 0.3414,
0.3497

 40.9844, 0.3747,
0.3723


 100.4272, 0.3587,
0.3617

 28.3069, 0.3828,
0.3775


 128.6597, 0.3551,
0.3592

 18.5571, 0.3932,
0.3841


161.7418, 0.3519,
0.3571

 11.3507, 0.4071,
0.3925

200.0580, 0.3492,
0.3552

 6.3032, 0.4265,
0.4036

243.9927, 0.3469,
0.3536

 3.0303, 0.4548,
0.4183

293.9304, 0.3448,

 1.1476, 0.5334,

0.3521

0.4666

350.2553, 0.3430,
0.3509

0.0183, 0.9132,
0.0868

0.0000, 0.0000,
0.0000

56.9740, 0.3683,
0.3681

56.9740, 0.3683,
0.3681

51.4330, 0.3917,
0.3816

63.0499, 0.3473,
0.3545

46.4026, 0.4174,
0.3942

69.6685, 0.3288,
0.3414

41.8678, 0.4446,
0.4051

76.8474, 0.3126,
0.3289

37.8097, 0.4723,
0.4128

84.6007, 0.2985,
0.3173

■ 34.2076, 0.4989,
0.4162

■ 91.7624, 0.2957,
0.3237

■ 31.0383, 0.5226,
0.4143

■ 95.0692, 0.2958,
0.3290

■ 28.2688, 0.5425,
0.4074

■ 28.2548, 0.5426,
0.4073

Harmonies

Analogous

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



56.9740, 0.3711, 0.3461



56.9740, 0.3683, 0.3681



56.9740, 0.3501, 0.3809

Triad

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



56.9740, 0.3683, 0.3681



56.9740, 0.2695, 0.3347



56.9740, 0.3009, 0.2843

Complementary

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



56.9740, 0.3683, 0.3681



51.0562, 0.2649, 0.2863

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.



56.9740, 0.2750, 0.2799



56.9740, 0.3683, 0.3681



56.9740, 0.2576, 0.3074

Square

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



56.9740, 0.3683, 0.3681



56.9740, 0.2929, 0.3619



56.9740, 0.2596, 0.2878



56.9740, 0.3312, 0.2991

Rectangle

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



56.9740, 0.3683, 0.3681



56.9740, 0.3322, 0.3816



56.9740, 0.2596, 0.2878



56.9740, 0.2914, 0.2815

Sweetspot

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



56.9766, 0.3683, 0.3681



91.5062, 0.3273, 0.3403



44.9810, 0.3465, 0.2902



19.3043, 0.3298, 0.3421



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.



56.9766, 0.3683, 0.3681



69.5656, 0.3827, 0.3766



73.7654, 0.3578, 0.4036



15.5529, 0.3280, 0.3408



16.7134, 0.5403, 0.4092



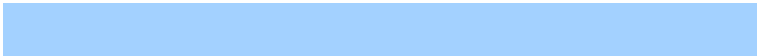
1.4208, 0.5180, 0.4269

Inverse Universe

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



51.0562, 0.2649, 0.2863



60.6736, 0.2546, 0.2757



37.7194, 0.2599, 0.2416



15.0716, 0.2981, 0.3169



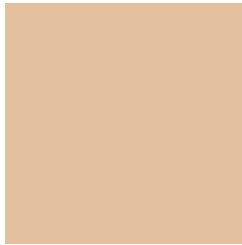
10.4182, 0.1773, 0.1582



0.9556, 0.1846, 0.1846

Previews

White Background



This preview shows how the Yxy color 56.9740, 0.3683, 0.3681 looks on a white background.

Color Contrast Check

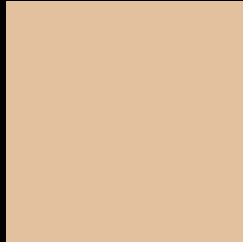
Large Text (above 18pt) WCAG AA × Fail

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 56.9740, 0.3683, 0.3681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

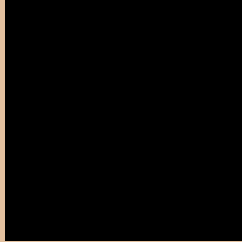
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.9740, 0.3683, 0.3681

Background



This preview shows how black text looks on a background with the Yxy color 56.9740, 0.3683, 0.3681.



This preview shows how white text looks on a background with the Yxy color 56.9740, 0.3683, 0.3681.

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

56.9740, 0.3683, 0.3681

Protanopia

57.3044, 0.3505, 0.3733

Deuteranopia

56.9206, 0.3733, 0.3653



Tritanopia

56.9607, 0.3385, 0.3125

Trichromacy



Original Color

56.9740, 0.3683, 0.3681

Protanomaly

57.2574, 0.3569, 0.3715

Deuteranomaly

57.0255, 0.3712, 0.3667

Tritanomaly

56.7634, 0.3497, 0.3325

Monochromacy



Original Color

56.9740, 0.3683, 0.3681

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.9485, 0.3322, 0.3445

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9740, 0.3683, 0.3681 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(227, 193, 159)` looks like.

```
.text, #text, p{  
    color:rgb(227, 193, 159)  
}
```

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(227, 193, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 193, 159) }
```

Border

The CSS property to change the border of an element to Yxy 56.9740, 0.3683, 0.3681 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(227, 193, 159) }
```

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

```
.border{ border-color:rgb(227, 193, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 193, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 193, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 193, 159);  
box-shadow:4px 4px 4px 4px rgb(227, 193,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9740, 0.3683, 0.3681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 193, 159) }
```

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

```
.background{ background-color: rgb(227,  
193, 159) }
```

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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