

Converting Colors

$Yxy(59.1251, 0.3559, 0.3557)$

Have a look what the booklet for
Yxy(59.1251, 0.3559, 0.3557)
contains.

Yxy(59.2805, 0.3559, 0.3564)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(59.2805, 0.3559, 0.3564)

Conversions

Conversions Part 1

Format	Color
Hex	E3C5AD
RGB	227, 197, 173
RGB Percent	89%, 77%, 68%
CMY	0.1096, 0.2275, 0.3216
CMYK	0.00, 0.13, 0.24, 0.11
HSL	27°, 49%, 78%
HSV	27°, 24%, 89%
XYZ	59.1973, 59.2805, 47.8535
YIQ	203.2340, 25.5840, -1.1040

Conversions

Conversions Part 2

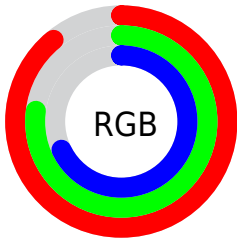
Format	Color
R _Y B	227, 216, 173
Decimal	14927277
CIE Lab	81.45, 6.97, 15.95
CIE LCh	81, 17.407, 66.386
Yxy	59.2805, 0.3559, 0.3564
Android (android.graphics.Color)	4293117357 (0xFFE3C5AD)
YUV	203.2340, -14.9054, 20.8428
Hunter-Lab	76.9938, 2.5020, 17.0455

Details

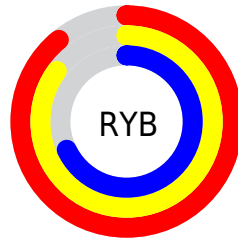
The Yxy color **59.2805, 0.3559, 0.3564** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **57.1666, 0.2753, 0.2999**, and the grayscale version is **59.9629, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7451, 0.3287, 0.3543**, and **29.6833, 0.3668, 0.3621** is the 20% darker color. If you saturate the color by 10%, you get **52.9827, 0.3787, 0.3686**, and if you desaturate by 10%, it is **66.2132, 0.3360, 0.3445**.

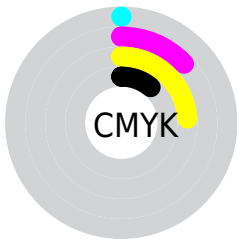
Distribution



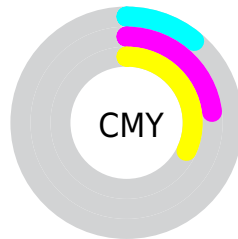
- Red (89%)
- Green (77%)
- Blue (68%)



- Red (89%)
- Yellow (85%)
- Blue (68%)



- Cyan (0%)
- Magenta (13%)
- Yellow (24%)
- Black (11%)




- Cyan (11%)
- Magenta (23%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.2805, 0.3559, 0.3564 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 59.2805, 0.3559, 0.3564 by changing the saturation by 10% instead.


 59.2805, 0.3559,
0.3564

 59.2805, 0.3559,
0.3564


421.9406, 0.3351,
0.3436

 42.8390, 0.3609,
0.3594

 103.7852, 0.3485,
0.3519

 29.7588, 0.3671,
0.3630


132.6172, 0.3457,
0.3502

 19.6556, 0.3752,
0.3677


166.3481, 0.3433,
0.3487

 12.1449, 0.3860,
0.3737

205.3624, 0.3412,
0.3474

 6.8425, 0.4013,
0.3818

250.0444, 0.3394,
0.3463

 3.3638, 0.4242,
0.3931

300.7785, 0.3378,

 1.3245, 0.4847,

0.3453

0.4295

357.9491, 0.3363,
0.3444

0.1600, 0.6682,
0.3318

0.0000, 0.0000,
0.0000

59.2805, 0.3559,
0.3564

59.2805, 0.3559,
0.3564

52.9827, 0.3787,
0.3686

66.2132, 0.3360,
0.3445

47.2925, 0.4043,
0.3804

73.7910, 0.3187,
0.3331

42.1921, 0.4325,
0.3912

82.0342, 0.3037,
0.3225

37.6600, 0.4625,
0.3997

90.3787, 0.2957,
0.3214

■ 33.6726, 0.4927,
0.4046

■ 95.0781, 0.2958,
0.3290

■ 30.2043, 0.5213,
0.4049

■ 27.2262, 0.5460,
0.3996

■ 25.6066, 0.5592,
0.3942

Harmonies

Analogous

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



59.2805, 0.3557, 0.3391



59.2805, 0.3559, 0.3564



59.2805, 0.3442, 0.3672

Triad

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



59.2805, 0.3559, 0.3564



59.2805, 0.2826, 0.3373



59.2805, 0.3001, 0.2935

Complementary

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



59.2805, 0.3559, 0.3564



57.1666, 0.2753, 0.2999

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.



59.2805, 0.2814, 0.2920



59.2805, 0.3559, 0.3564



59.2805, 0.2716, 0.3164

Square

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



59.2805, 0.3559, 0.3564



59.2805, 0.3017, 0.3565



59.2805, 0.2712, 0.3000



59.2805, 0.3228, 0.3037

Rectangle

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



59.2805, 0.3559, 0.3564



59.2805, 0.3315, 0.3688



59.2805, 0.2712, 0.3000



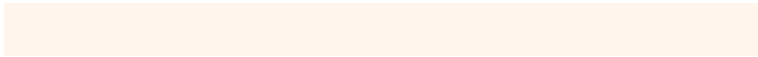
59.2805, 0.2931, 0.2920

Sweetspot

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



59.2832, 0.3559, 0.3564



92.7333, 0.3240, 0.3367



50.5645, 0.3349, 0.2945



19.7189, 0.3250, 0.3374



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.



59.2832, 0.3559, 0.3564



72.6313, 0.3678, 0.3629



72.3664, 0.3494, 0.3846



15.4159, 0.3281, 0.3395



15.1520, 0.5567, 0.3962



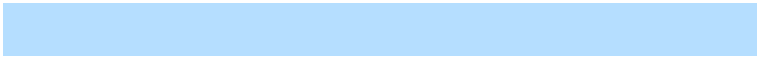
1.3025, 0.5317, 0.4160

Inverse Universe

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



57.1666, 0.2753, 0.2999



69.3821, 0.2666, 0.2923



45.7175, 0.2725, 0.2665



15.2096, 0.2981, 0.3183



12.2060, 0.1826, 0.1773



1.0866, 0.1893, 0.2014

Previews

White Background



This preview shows how the Yxy color 59.2805, 0.3559, 0.3564 looks on a white background.

Color Contrast Check

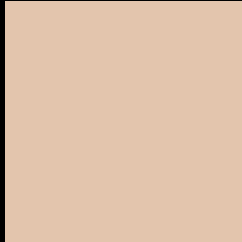
Large Text (above 18pt) WCAG AA × Fail

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 59.2805, 0.3559, 0.3564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

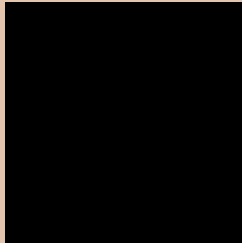
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.2805, 0.3559, 0.3564

Background



This preview shows how black text looks on a background with the Yxy color 59.2805, 0.3559, 0.3564.



This preview shows how white text looks on a background with the Yxy color 59.2805, 0.3559, 0.3564.

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

59.2805, 0.3559, 0.3564

Protanopia

59.3333, 0.3407, 0.3609

Deuteranopia

59.2031, 0.3606, 0.3538



Tritanopia

59.1932, 0.3330, 0.3125

Trichromacy



Original Color

59.2805, 0.3559, 0.3564

Protanomaly

59.1163, 0.3460, 0.3594

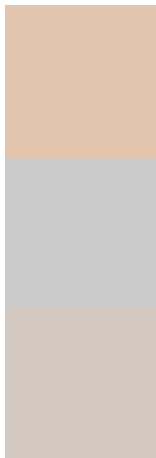
Deuteranomaly

59.3200, 0.3586, 0.3551

Tritanomaly

59.3467, 0.3414, 0.3280

Monochromacy



Original Color

59.2805, 0.3559, 0.3564

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.5761, 0.3280, 0.3395

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.2805, 0.3559, 0.3564 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, 197, 173)` looks like.

```
.text, #text, p{  
    color:rgb(227, 197, 173)  
}
```

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, 197, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 197, 173) }
```

Border

The CSS property to change the border of an element to Yxy 59.2805, 0.3559, 0.3564 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, 197, 173) }
```

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

```
.border{ border-color:rgb(227, 197, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 197, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 197, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 197, 173); box-shadow:4px 4px 4px 4px rgb(227, 197, 173) }
```


Background

The CSS property to change the background color of an element to Yxy 59.2805, 0.3559, 0.3564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 197, 173) }
```

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

```
.background{ background-color: rgb(227,  
197, 173) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor