

Converting Colors

Yxy(58.6793, 0.3709, 0.3848)

Have a look what the booklet for
Yxy(58.6793, 0.3709, 0.3848)
contains.

| | |
|---|----|
| Yxy(58.8961, 0.3709, 0.3854) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(58.8961, 0.3709, 0.3854)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E0C796 |
| RGB | 224, 199, 150 |
| RGB Percent | 88%, 78%, 59% |
| CMY | 0.1214, 0.2197, 0.4117 |
| CMYK | 0.00, 0.11, 0.33, 0.12 |
| HSL | 40°, 54%, 73% |
| HSV | 40°, 33%, 88% |
| XYZ | 56.6802, 58.8961, 37.2418 |
| YIQ | 200.8890, 30.6290, -9.9390 |

Conversions

Conversions Part 2

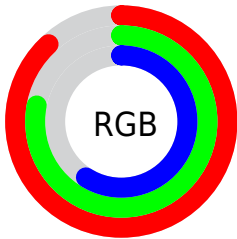
| Format | Color |
|-------------------------------------|---|
| RYB | 188, 224, 150 |
| Decimal | 14731158 |
| CIELab | 81.23, 1.74, 27.78 |
| CIElCh | 81, 27.832, 86.410 |
| Yxy | 58.8961, 0.3709, 0.3854 |
| Android (android.graphics.Color) | 4292921238 (0xFFE0C796) |
| YUV | 200.8890, -25.0883, 20.2683 |
| Hunter-Lab | 76.7438, -2.4679, 24.9488 |

Details

The Yxy color $58.8961, 0.3709, 0.3854$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $42.5588, 0.2578, 0.2651$, and the grayscale version is $58.4854, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.1396, 0.3430, 0.3790$, and $29.4765, 0.3855, 0.3984$ is the 20% darker color. If you saturate the color by 10%, you get $54.8416, 0.3915, 0.4025$, and if you desaturate by 10%, it is $63.2679, 0.3515, 0.3679$.

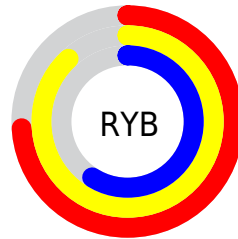
Distribution



Red (88%)

Green (78%)

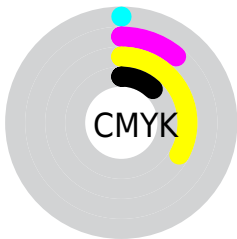
Blue (59%)



Red (74%)

Yellow (88%)

Blue (59%)

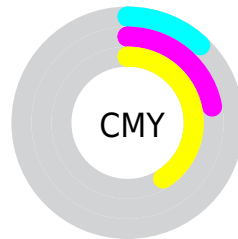


Cyan (0%)

Magenta (11%)

Yellow (33%)

Black (12%)



Cyan (12%)


Magenta (22%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.8961, 0.3709, 0.3854 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 58.8961, 0.3709, 0.3854 by changing the saturation by 10% instead.


 58.8961, 0.3709,
0.3854


 58.8961, 0.3709,
0.3854


420.5168, 0.3431,
0.3587

 42.5295, 0.3774,
0.3916


 103.2266, 0.3611,
0.3761

 29.5161, 0.3854,
0.3992


 131.9594, 0.3574,
0.3724

 19.4716, 0.3956,
0.4088


165.5829, 0.3542,
0.3693

 12.0115, 0.4088,
0.4211

204.4817, 0.3514,
0.3666

 6.7515, 0.4264,
0.4373

249.0400, 0.3489,
0.3643

 3.3072, 0.4527,
0.4611

299.6424, 0.3468,

 1.2941, 0.4984,

0.3622

0.5016

356.6732, 0.3449,
0.3604

0.1367, 0.5579,
0.4421

0.0000, 0.0000,
0.0000

58.8961, 0.3709,
0.3854

58.8961, 0.3709,
0.3854

54.8416, 0.3915,
0.4025

63.2679, 0.3515,
0.3679

51.0859, 0.4128,
0.4183

67.9587, 0.3336,
0.3505

47.6205, 0.4340,
0.4317

72.9802, 0.3173,
0.3339

44.4330, 0.4542,
0.4415

78.3411, 0.3027,
0.3182

■ 41.5095, 0.4721,
0.4468

■ 83.5880, 0.2937,
0.3105

■ 38.8336, 0.4870,
0.4469

■ 88.0703, 0.2938,
0.3183

■ 37.1009, 0.4958,
0.4445

■ 92.7404, 0.2940,
0.3260

■ 94.5945, 0.2941,
0.3289

Harmonies

Analogous

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



58.8961, 0.3843, 0.3629



58.8961, 0.3709, 0.3854



58.8961, 0.3419, 0.3936

Triad

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



58.8961, 0.3709, 0.3854



58.8961, 0.2519, 0.3186



58.8961, 0.3161, 0.2829

Complementary

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



58.8961, 0.3709, 0.3854



42.5588, 0.2578, 0.2651

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.



58.8961, 0.2813, 0.2712



58.8961, 0.3709, 0.3854



58.8961, 0.2458, 0.2894

Square

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



58.8961, 0.3709, 0.3854



58.8961, 0.2735, 0.3535



58.8961, 0.2562, 0.2730



58.8961, 0.3518, 0.3053

Rectangle

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



58.8961, 0.3709, 0.3854



58.8961, 0.3183, 0.3882



58.8961, 0.2562, 0.2730



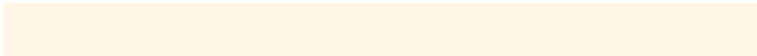
58.8961, 0.3039, 0.2777

Sweetspot

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



58.8988, 0.3709, 0.3854



93.0813, 0.3286, 0.3455



40.8047, 0.3623, 0.2987



19.7230, 0.3310, 0.3479



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.



58.8988, 0.3709, 0.3854



74.9965, 0.3857, 0.3979



69.6753, 0.3538, 0.4136



15.2073, 0.3276, 0.3445



21.8065, 0.4943, 0.4457



1.6752, 0.4798, 0.4572

Inverse Universe

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



42.5588, 0.2578, 0.2651



49.7557, 0.2448, 0.2482



34.7925, 0.2622, 0.2334



13.9978, 0.2981, 0.3131



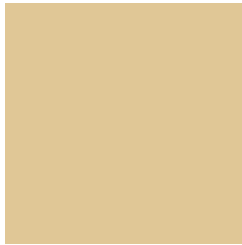
6.3178, 0.1639, 0.1098



0.5996, 0.1725, 0.1409

Previews

White Background



This preview shows how the Yxy color 58.8961, 0.3709, 0.3854 looks on a white background.

Color Contrast Check

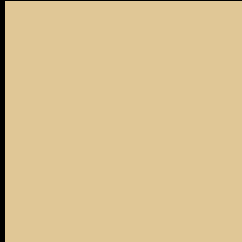
Large Text (above 18pt) WCAG AA × Fail

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 58.8961, 0.3709, 0.3854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

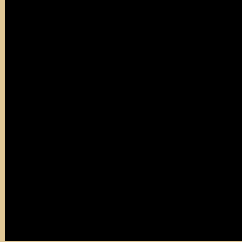
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.8961, 0.3709, 0.3854

Background



This preview shows how black text looks on a background with the Yxy color 58.8961, 0.3709, 0.3854.



This preview shows how white text looks on a background with the Yxy color 58.8961, 0.3709, 0.3854.

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

58.8961, 0.3709, 0.3854

Protanopia

59.0744, 0.3623, 0.3890

Deuteranopia

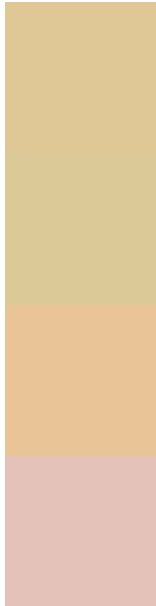
58.9951, 0.3840, 0.3767



Tritanopia

58.5408, 0.3331, 0.3125

Trichromacy



Original Color

58.8961, 0.3709, 0.3854

Protanomaly

59.0677, 0.3652, 0.3873

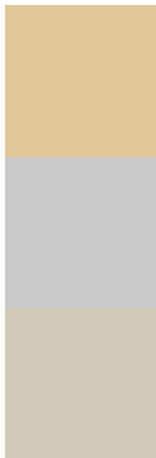
Deuteranomaly

59.0379, 0.3789, 0.3796

Tritanomaly

58.6227, 0.3469, 0.3381

Monochromacy



Original Color

58.8961, 0.3709, 0.3854

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.2413, 0.3333, 0.3504

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.8961, 0.3709, 0.3854 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(224, 199, 150)` looks like.

```
.text, #text, p{  
    color:rgb(224, 199, 150)  
}
```

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(224, 199, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 199, 150) }
```

Border

The CSS property to change the border of an element to Yxy 58.8961, 0.3709, 0.3854 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(224, 199, 150) }
```

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

```
.border{ border-color:rgb(224, 199, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 199, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 199, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 199, 150);  
box-shadow:4px 4px 4px 4px rgb(224, 199,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 58.8961, 0.3709, 0.3854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 199, 150) }
```

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

```
.background{ background-color: rgb(224,  
199, 150) }
```

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