

Converting Colors

Yxy(61.7185, 0.3752, 0.3909)

Have a look what the booklet for
Yxy(61.7185, 0.3752, 0.3909)
contains.

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Color

Yxy(61.5080, 0.3752, 0.3910)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E5CB94 |
| RGB | 229, 203, 148 |
| RGB Percent | 90%, 80%, 58% |
| CMY | 0.1018, 0.2039, 0.4196 |
| CMYK | 0.00, 0.11, 0.35, 0.10 |
| HSL | 41°, 61%, 74% |
| HSV | 41°, 35%, 90% |
| XYZ | 59.0225, 61.5080, 36.7790 |
| YIQ | 204.5040, 33.1510, -11.5930 |

Conversions

Conversions Part 2

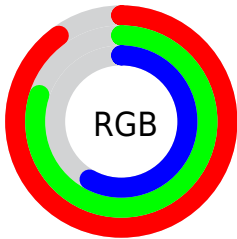
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 186, 229, 148 |
| Decimal | 15059860 |
| CIE Lab | 82.65, 1.36, 30.80 |
| CIE LCh | 83, 30.831, 87.480 |
| Yxy | 61.5080, 0.3752, 0.3910 |
| Android (android.graphics.Color) | 4293249940 (0xFFE5CB94) |
| YUV | 204.5040, -27.8565, 21.4830 |
| Hunter-Lab | 78.4270, -2.9120, 27.0944 |

Details

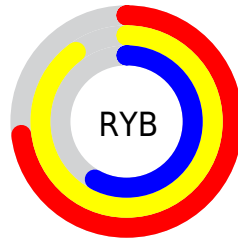
The Yxy color $61.5080, 0.3752, 0.3910$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $42.2442, 0.2533, 0.2578$, and the grayscale version is $60.8871, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.0443, 0.3442, 0.3810$, and $31.1286, 0.3896, 0.4054$ is the 20% darker color. If you saturate the color by 10%, you get $57.4616, 0.3957, 0.4083$, and if you desaturate by 10%, it is $65.8686, 0.3557, 0.3731$.

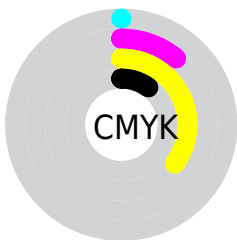
Distribution



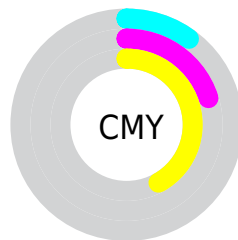
- Red (90%)
- Green (80%)
- Blue (58%)



- Red (73%)
- Yellow (90%)
- Blue (58%)



- Cyan (0%)
- Magenta (11%)
- Yellow (35%)
- Black (10%)





- Cyan (10%)
- Magenta (20%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.5080, 0.3752, 0.3910 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 61.5080, 0.3752, 0.3910 by changing the saturation by 10% instead.


 61.5080, 0.3752,
0.3910


 61.5080, 0.3752,
0.3910


430.1342, 0.3457,
0.3619

 44.6353, 0.3820,
0.3976


 107.0141, 0.3649,
0.3809

 31.1702, 0.3903,
0.4058


 136.4163, 0.3609,
0.3770

 20.7285, 0.4008,
0.4159


170.7638, 0.3575,
0.3736

 12.9257, 0.4142,
0.4288

210.4410, 0.3545,
0.3706

 7.3774, 0.4317,
0.4454

255.8322, 0.3519,
0.3681

 3.6992, 0.4573,
0.4695

307.3218, 0.3496,

 1.5068, 0.4955,

0.3658

0.5045

365.2944, 0.3475,
0.3637

0.2935, 0.5153,
0.4847

0.0000, 0.0000,
0.0000

61.5080, 0.3752,
0.3910

61.5080, 0.3752,
0.3910

57.4616, 0.3957,
0.4083

65.8686, 0.3557,
0.3731

53.7101, 0.4166,
0.4239

70.5450, 0.3376,
0.3552

50.2448, 0.4370,
0.4369

75.5494, 0.3210,
0.3379

47.0525, 0.4559,
0.4460

80.8907, 0.3060,
0.3216

■ 44.1186, 0.4725,
0.4504

■ 86.0835, 0.2968,
0.3136

■ 41.4254, 0.4858,
0.4497

■ 90.5005, 0.2969,
0.3211

■ 40.2501, 0.4912,
0.4482

■ 95.0953, 0.2970,
0.3285

■ 95.4036, 0.2970,
0.3290

Harmonies

Analogous

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



61.5080, 0.3908, 0.3666



61.5080, 0.3752, 0.3910



61.5080, 0.3431, 0.3997

Triad

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



61.5080, 0.3752, 0.3910



61.5080, 0.2461, 0.3160



61.5080, 0.3177, 0.2797

Complementary

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



61.5080, 0.3752, 0.3910



42.2442, 0.2533, 0.2578

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.



61.5080, 0.2796, 0.2665



61.5080, 0.3752, 0.3910



61.5080, 0.2402, 0.2847

Square

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



61.5080, 0.3752, 0.3910



61.5080, 0.2688, 0.3544



61.5080, 0.2520, 0.2677



61.5080, 0.3566, 0.3042

Rectangle

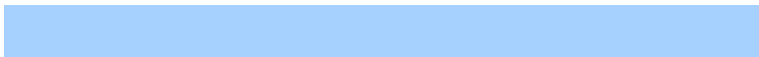
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.5080, 0.3752, 0.3910



61.5080, 0.3171, 0.3934



61.5080, 0.2520, 0.2677



61.5080, 0.3043, 0.2739

Sweetspot

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



61.5108, 0.3752, 0.3910



92.7062, 0.3302, 0.3477



40.9402, 0.3687, 0.2980



19.6583, 0.3325, 0.3500



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.



61.5108, 0.3752, 0.3910



74.8874, 0.3892, 0.4030



72.7231, 0.3556, 0.4201



15.9952, 0.3275, 0.3449



23.2322, 0.4898, 0.4493



1.8831, 0.4770, 0.4595

Inverse Universe

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



42.2442, 0.2533, 0.2578



47.0929, 0.2408, 0.2411



34.4699, 0.2589, 0.2257



14.6395, 0.2981, 0.3126



6.1968, 0.1626, 0.1053



0.6212, 0.1707, 0.1345

Previews

White Background



This preview shows how the Yxy color 61.5080, 0.3752, 0.3910 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 61.5080, 0.3752, 0.3910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

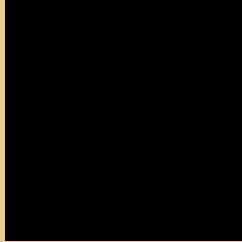
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.5080, 0.3752, 0.3910

Background



This preview shows how black text looks on a background with the Yxy color 61.5080, 0.3752, 0.3910.



This preview shows how white text looks on a background with the Yxy color 61.5080, 0.3752, 0.3910.

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

61.5080, 0.3752, 0.3910

Protanopia

61.6847, 0.3667, 0.3946

Deuteranopia

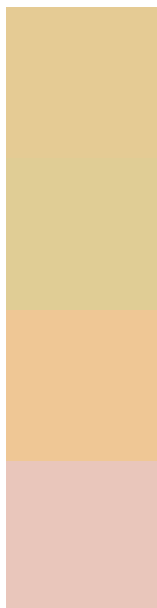
61.3355, 0.3894, 0.3810



Tritanopia

61.5162, 0.3343, 0.3128

Trichromacy



Original Color

61.5080, 0.3752, 0.3910

Protanomaly

61.6799, 0.3695, 0.3930

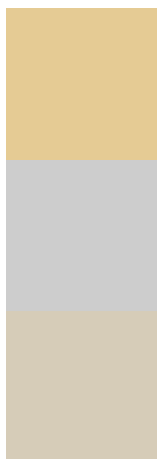
Deuteranomaly

61.3675, 0.3844, 0.3839

Tritanomaly

61.2997, 0.3495, 0.3413

Monochromacy



Original Color

61.5080, 0.3752, 0.3910

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.9426, 0.3352, 0.3523

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.5080, 0.3752, 0.3910 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(229, 203, 148)` looks like.

```
.text, #text, p{  
    color:rgb(229, 203, 148)  
}
```

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(229, 203, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 203, 148) }
```

Border

The CSS property to change the border of an element to Yxy 61.5080, 0.3752, 0.3910 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(229, 203, 148) }
```

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

```
.border{ border-color:rgb(229, 203, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 203, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 203, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 203, 148);  
box-shadow:4px 4px 4px 4px rgb(229, 203,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 61.5080, 0.3752, 0.3910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 203, 148) }
```

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

```
.background{ background-color: rgb(229,  
203, 148) }
```

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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