

Converting Colors

$Yxy(60.8578, 0.3784, 0.3791)$

Have a look what the booklet for
Yxy(60.8578, 0.3784, 0.3791)
contains.

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Color

Yxy(61.0128, 0.3779, 0.3790)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | ECC79A |
| RGB | 236, 199, 154 |
| RGB Percent | 93%, 78%, 60% |
| CMY | 0.0747, 0.2195, 0.3961 |
| CMYK | 0.00, 0.16, 0.35, 0.07 |
| HSL | 33°, 68%, 76% |
| HSV | 33°, 35%, 93% |
| XYZ | 60.8357, 61.0128, 39.1351 |
| YIQ | 204.9330, 36.4970, -6.1510 |

Conversions

Conversions Part 2

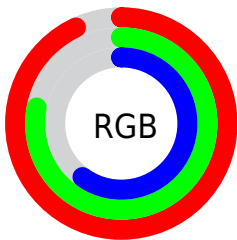
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 221, 236, 154 |
| Decimal | 15517594 |
| CIE Lab | 82.39, 6.82, 27.43 |
| CIE LCh | 82, 28.267, 76.029 |
| Yxy | 61.0128, 0.3779, 0.3790 |
| Android (android.graphics.Color) | 4293707674 (0xFFECC79A) |
| YUV | 204.9330, -25.1100, 27.2458 |
| Hunter-Lab | 78.1107, 2.3292, 24.9719 |

Details

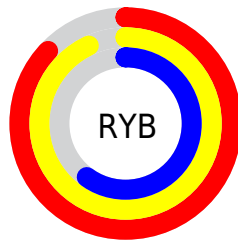
The Yxy color **61.0128, 0.3779, 0.3790** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.1466, 0.2562, 0.2729**, and the grayscale version is **61.1492, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.3834, 0.3400, 0.3741**, and **30.7938, 0.3949, 0.3909** is the 20% darker color. If you saturate the color by 10%, you get **55.5821, 0.4013, 0.3934**, and if you desaturate by 10%, it is **66.9454, 0.3565, 0.3641**.

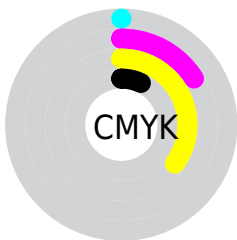
Distribution



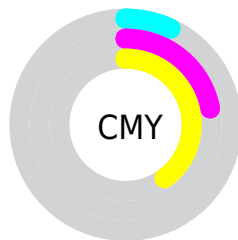
- Red (93%)
- Green (78%)
- Blue (60%)



- Red (87%)
- Yellow (93%)
- Blue (60%)



- Cyan (0%)
- Magenta (16%)
- Yellow (35%)
- Black (7%)





- Cyan (7%)
- Magenta (22%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.0128, 0.3779, 0.3790 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 61.0128, 0.3779, 0.3790 by changing the saturation by 10% instead.


 61.0128, 0.3779,
0.3790

 61.0128, 0.3779,
0.3790


428.3209, 0.3468,
0.3558

 44.2355, 0.3851,
0.3842


 106.2975, 0.3670,
0.3710

 30.8557, 0.3941,
0.3905


 135.5736, 0.3628,
0.3679

 20.4890, 0.4056,
0.3984


169.7849, 0.3592,
0.3652

 12.7510, 0.4205,
0.4083

209.3156, 0.3560,
0.3628

 7.2573, 0.4406,
0.4209

254.5501, 0.3533,
0.3608

 3.6235, 0.4689,
0.4370

305.8729, 0.3509,

 1.4653, 0.5280,

0.3589

0.4720

363.6684, 0.3487,
0.3573

0.2641, 0.6126,
0.3874

0.0000, 0.0000,
0.0000

61.0128, 0.3779,
0.3790

61.0128, 0.3779,
0.3790

55.5821, 0.4013,
0.3934

66.9454, 0.3565,
0.3641

50.6289, 0.4263,
0.4065

73.3866, 0.3372,
0.3495

46.1387, 0.4519,
0.4171

80.3535, 0.3201,
0.3354

42.0929, 0.4769,
0.4239

87.8596, 0.3050,
0.3221

■ 38.4707, 0.4998,
0.4258

■ 94.7769, 0.3011,
0.3262

■ 35.2479, 0.5193,
0.4223

■ 96.5649, 0.3011,
0.3290

■ 33.6969, 0.5283,
0.4187

Harmonies

Analogous

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



61.0128, 0.3846, 0.3533



61.0128, 0.3779, 0.3790



61.0128, 0.3534, 0.3931

Triad

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



61.0128, 0.3779, 0.3790



61.0128, 0.2576, 0.3305



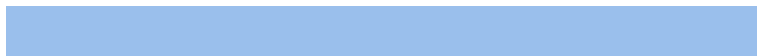
61.0128, 0.3034, 0.2773

Complementary

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



61.0128, 0.3779, 0.3790



50.1466, 0.2562, 0.2729

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.



61.0128, 0.2710, 0.2700



61.0128, 0.3779, 0.3790



61.0128, 0.2458, 0.2982

Square

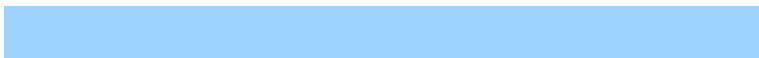
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.0128, 0.3779, 0.3790



61.0128, 0.2838, 0.3649



61.0128, 0.2506, 0.2768



61.0128, 0.3401, 0.2965

Rectangle

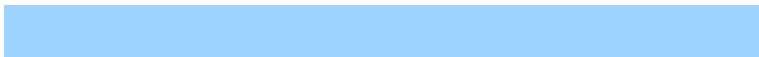
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.0128, 0.3779, 0.3790



61.0128, 0.3308, 0.3924



61.0128, 0.2506, 0.2768



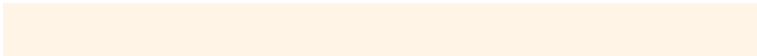
61.0128, 0.2916, 0.2734

Sweetspot

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



61.0156, 0.3779, 0.3790



91.3528, 0.3289, 0.3428



44.7478, 0.3566, 0.2866



19.3042, 0.3313, 0.3448



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.



61.0156, 0.3779, 0.3790



67.8985, 0.3952, 0.3898



79.6578, 0.3630, 0.4161



16.4261, 0.3279, 0.3419



18.8449, 0.5261, 0.4205



1.6715, 0.5072, 0.4354

Inverse Universe

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



50.1466, 0.2562, 0.2729



53.0551, 0.2437, 0.2584



36.2997, 0.2517, 0.2254



15.6665, 0.2980, 0.3157



9.3080, 0.1728, 0.1419



0.9206, 0.1801, 0.1684

Previews

White Background



This preview shows how the Yxy color 61.0128, 0.3779, 0.3790 looks on a white background.

Color Contrast Check

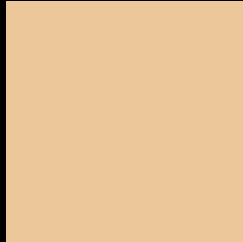
Large Text (above 18pt) WCAG AA × Fail

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 61.0128, 0.3779, 0.3790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

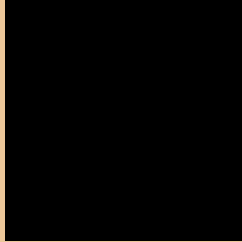
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.0128, 0.3779, 0.3790

Background



This preview shows how black text looks on a background with the Yxy color 61.0128, 0.3779, 0.3790.



This preview shows how white text looks on a background with the Yxy color 61.0128, 0.3779, 0.3790.

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

61.0128, 0.3779, 0.3790

Protanopia

61.1570, 0.3594, 0.3847

Deuteranopia

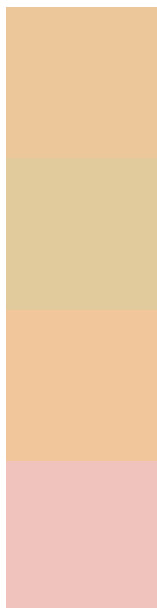
61.1428, 0.3838, 0.3759



Tritanopia

61.0815, 0.3420, 0.3131

Trichromacy



Original Color

61.0128, 0.3779, 0.3790

Protanomaly

61.1197, 0.3657, 0.3827

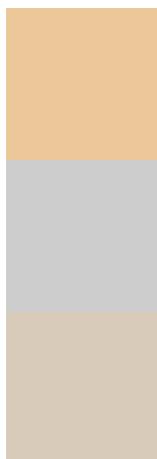
Deuteranomaly

61.2465, 0.3817, 0.3773

Tritanomaly

61.1863, 0.3551, 0.3367

Monochromacy



Original Color

61.0128, 0.3779, 0.3790

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.8560, 0.3354, 0.3487

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0128, 0.3779, 0.3790 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(236, 199, 154)` looks like.

```
.text, #text, p{  
    color:rgb(236, 199, 154)  
}
```

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(236, 199, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 199, 154) }
```

Border

The CSS property to change the border of an element to Yxy 61.0128, 0.3779, 0.3790 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(236, 199, 154) }
```

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

```
.border{ border-color:rgb(236, 199, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 199, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 199, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 199, 154);  
box-shadow:4px 4px 4px 4px rgb(236, 199,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0128, 0.3779, 0.3790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 199, 154) }
```

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

```
.background{ background-color: rgb(236,  
199, 154) }
```

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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