

Converting Colors

Yxy(61.9652, 0.3782, 0.3953)

Have a look what the booklet for
Yxy(61.9652, 0.3782, 0.3953)
contains.

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Color

Yxy(62.0531, 0.3779, 0.3952)

Conversions

Conversions Part 1

Format	Color
Hex	E6CC91
RGB	230, 204, 145
RGB Percent	90%, 80%, 57%
CMY	0.0980, 0.2000, 0.4315
CMYK	0.00, 0.11, 0.37, 0.10
HSL	42°, 63%, 74%
HSV	42°, 37%, 90%
XYZ	59.3367, 62.0531, 35.6271
YIQ	205.0480, 34.4350, -12.8370

Conversions

Conversions Part 2

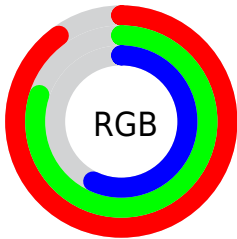
Format	Color
R _Y B	182, 230, 145
Decimal	15125649
CIE Lab	82.94, 0.86, 32.77
CIE LCh	83, 32.783, 88.499
Yxy	62.0531, 0.3779, 0.3952
Android (android.graphics.Color)	4293315729 (0xFFE6CC91)
YUV	205.0480, -29.6037, 21.8829
Hunter-Lab	78.7738, -3.3982, 28.3265

Details

The Yxy color **62.0531, 0.3779, 0.3952** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **40.8477, 0.2501, 0.2522**, and the grayscale version is **61.2588, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9035, 0.3460, 0.3840**, and **31.5051, 0.3930, 0.4105** is the 20% darker color. If you saturate the color by 10%, you get **58.1485, 0.3981, 0.4126**, and if you desaturate by 10%, it is **66.2580, 0.3585, 0.3770**.

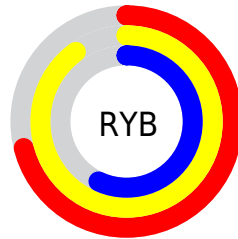
Distribution



Red (90%)

Green (80%)

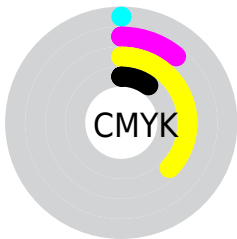
Blue (57%)



Red (71%)

Yellow (90%)

Blue (57%)

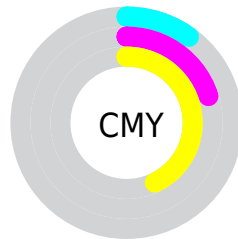


Cyan (0%)

Magenta (11%)

Yellow (37%)

Black (10%)



Cyan (10%)


Magenta (20%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.0531, 0.3779, 0.3952 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 62.0531, 0.3779, 0.3952 by changing the saturation by 10% instead.


 62.0531, 0.3779,
0.3952

 62.0531, 0.3779,
0.3952


432.1248, 0.3473,
0.3642

 45.0756, 0.3849,
0.4022


 107.8023, 0.3673,
0.3845

 31.5170, 0.3934,
0.4108


 137.3427, 0.3631,
0.3803

 20.9928, 0.4041,
0.4215

171.8397, 0.3596,
0.3767

 13.1188, 0.4177,
0.4350

211.6774, 0.3565,
0.3735

 7.5104, 0.4351,
0.4522

257.2404, 0.3537,
0.3708

 3.7833, 0.4617,
0.4784

308.9130, 0.3513,

 1.5531, 0.4924,

0.3683

0.5076

367.0797, 0.3492,
0.3662

■ 0.3257, 0.5037,
0.4963

■ 0.0000, 0.0000,
0.0000

■ 62.0531, 0.3779,
0.3952

■ 62.0531, 0.3779,
0.3952

■ 58.1485, 0.3981,
0.4126

■ 66.2580, 0.3585,
0.3770

■ 54.5250, 0.4185,
0.4282

■ 70.7646, 0.3402,
0.3587

■ 51.1737, 0.4382,
0.4409

■ 75.5851, 0.3235,
0.3409

■ 48.0817, 0.4561,
0.4496

■ 80.7281, 0.3083,
0.3240

45.2340, 0.4715,
0.4535

85.8773, 0.2974,
0.3130

42.6120, 0.4837,
0.4524

90.0799, 0.2975,
0.3202

41.8532, 0.4870,
0.4515

94.4446, 0.2976,
0.3272

95.5641, 0.2976,
0.3290

Harmonies

Analogous

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



62.0531, 0.3953, 0.3695



62.0531, 0.3779, 0.3952



62.0531, 0.3433, 0.4041

Triad

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



62.0531, 0.3779, 0.3952



62.0531, 0.2418, 0.3138



62.0531, 0.3193, 0.2777

Complementary

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



62.0531, 0.3779, 0.3952



40.8477, 0.2501, 0.2522

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.



62.0531, 0.2788, 0.2633



62.0531, 0.3779, 0.3952



62.0531, 0.2363, 0.2811

Square

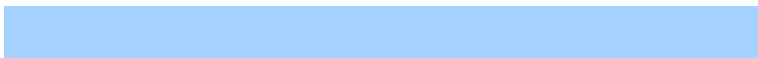
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.0531, 0.3779, 0.3952



62.0531, 0.2651, 0.3546



62.0531, 0.2493, 0.2639



62.0531, 0.3605, 0.3037

Rectangle

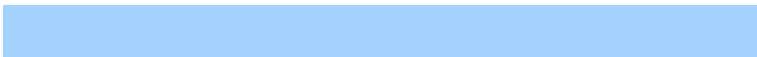
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.0531, 0.3779, 0.3952



62.0531, 0.3158, 0.3970



62.0531, 0.2493, 0.2639



62.0531, 0.3052, 0.2714

Sweetspot

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



62.0560, 0.3779, 0.3952



92.9724, 0.3302, 0.3481



40.0419, 0.3737, 0.2982



19.7219, 0.3324, 0.3505



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.



62.0560, 0.3779, 0.3952



74.7873, 0.3926, 0.4080



72.9998, 0.3564, 0.4247



16.0343, 0.3275, 0.3453



23.9191, 0.4857, 0.4525



1.9299, 0.4737, 0.4621

Inverse Universe

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



40.8477, 0.2501, 0.2522



44.5290, 0.2367, 0.2338



33.4885, 0.2571, 0.2206



14.6023, 0.2981, 0.3122



5.9273, 0.1615, 0.1015



0.5977, 0.1696, 0.1305

Previews

White Background



This preview shows how the Yxy color 62.0531, 0.3779, 0.3952 looks on a white background.

Color Contrast Check

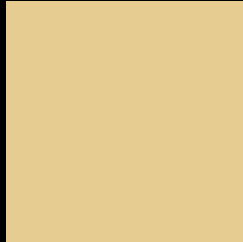
Large Text (above 18pt) WCAG AA × Fail

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 62.0531, 0.3779, 0.3952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

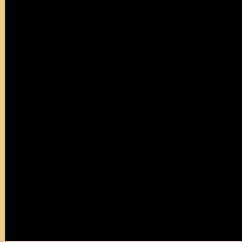
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.0531, 0.3779, 0.3952

Background



This preview shows how black text looks on a background with the Yxy color 62.0531, 0.3779, 0.3952.



This preview shows how white text looks on a background with the Yxy color 62.0531, 0.3779, 0.3952.

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

62.0531, 0.3779, 0.3952

Protanopia

61.9059, 0.3705, 0.3976

Deuteranopia

62.0563, 0.3930, 0.3848



Tritanopia

62.1875, 0.3342, 0.3129

Trichromacy



Original Color

62.0531, 0.3779, 0.3952

Protanomaly

61.9067, 0.3734, 0.3959

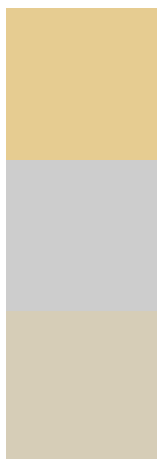
Deuteranomaly

61.9091, 0.3871, 0.3880

Tritanomaly

61.9271, 0.3501, 0.3424

Monochromacy



Original Color

62.0531, 0.3779, 0.3952

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.3777, 0.3358, 0.3546

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.0531, 0.3779, 0.3952 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(230, 204, 145)` looks like.

```
.text, #text, p{  
  color:rgb(230, 204, 145)  
}
```

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(230, 204, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 204, 145) }
```

Border

The CSS property to change the border of an element to Yxy 62.0531, 0.3779, 0.3952 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(230, 204, 145) }
```

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

```
.border{ border-color:rgb(230, 204, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 204, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 204, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 204, 145); box-shadow:4px 4px 4px 4px rgb(230, 204, 145) }
```


Background

The CSS property to change the background color of an element to Yxy 62.0531, 0.3779, 0.3952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 204, 145) }
```

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

```
.background{ background-color: rgb(230,  
204, 145) }
```

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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