

Converting Colors

Yxy(61.0123, 0.3861, 0.4182)

Have a look what the booklet for
Yxy(61.0123, 0.3861, 0.4182)
contains.

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Color

Yxy(61.0163, 0.3861, 0.4182)

Conversions

Conversions Part 1

Format	Color
Hex	E0CD7E
RGB	224, 205, 126
RGB Percent	88%, 80%, 49%
CMY	0.1217, 0.1960, 0.5058
CMYK	0.00, 0.08, 0.44, 0.12
HSL	48°, 61%, 69%
HSV	48°, 44%, 88%
XYZ	56.3328, 61.0163, 28.5531
YIQ	201.6750, 36.6830, -20.5410

Conversions

Conversions Part 2

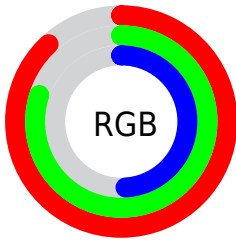
Format	Color
RYB	150, 224, 126
Decimal	14732670
CIELab	82.39, -4.09, 41.62
CIELCh	82, 41.819, 95.611
Yxy	61.0163, 0.3861, 0.4182
Android (android.graphics.Color)	4292922750 (0xFFE0CD7E)
YUV	201.6750, -37.3078, 19.5790
Hunter-Lab	78.1129, -7.9685, 33.0064

Details

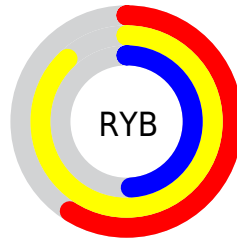
The Yxy color **61.0163, 0.3861, 0.4182** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **30.0629, 0.2351, 0.2197**, and the grayscale version is **59.0701, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0753, 0.3573, 0.4028**, and **30.8567, 0.4025, 0.4392** is the 20% darker color. If you saturate the color by 10%, you get **58.4583, 0.4034, 0.4365**, and if you desaturate by 10%, it is **63.7669, 0.3684, 0.3982**.

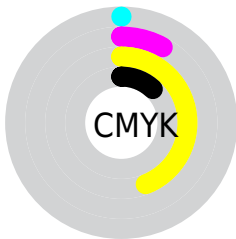
Distribution



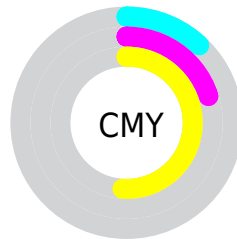
- Red (88%)
- Green (80%)
- Blue (49%)



- Red (59%)
- Yellow (88%)
- Blue (49%)



- Cyan (0%)
- Magenta (8%)
- Yellow (44%)
- Black (12%)





- Cyan (12%)
- Magenta (20%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.0163, 0.3861, 0.4182 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 61.0163, 0.3861, 0.4182 by changing the saturation by 10% instead.


 61.0163, 0.3861,
0.4182

 61.0163, 0.3861,
0.4182


428.3338, 0.3522,
0.3763


 44.2383, 0.3935,
0.4276


 106.3025, 0.3745,
0.4037

 30.8579, 0.4024,
0.4391


 135.5796, 0.3700,
0.3980

 20.4907, 0.4131,
0.4532


 169.7918, 0.3660,
0.3931

 12.7522, 0.4259,
0.4707

209.3235, 0.3626,
0.3889

 7.2581, 0.4406,
0.4920

254.5592, 0.3595,
0.3851

 3.6241, 0.4686,
0.5314

305.8832, 0.3568,

 1.4656, 0.4619,

0.3818

0.5381

363.6799, 0.3544,
0.3789

0.2643, 0.3642,
0.6358

0.0000, 0.0000,
0.0000

61.0163, 0.3861,
0.4182

61.0163, 0.3861,
0.4182

58.4583, 0.4034,
0.4365

63.7669, 0.3684,
0.3982

56.0751, 0.4196,
0.4521

66.7100, 0.3509,
0.3774

53.8594, 0.4339,
0.4640

69.8562, 0.3341,
0.3565

51.7993, 0.4456,
0.4714

73.2126, 0.3183,
0.3363

■ 49.8806, 0.4544,
0.4741

■ 76.7861, 0.3037,
0.3171

■ 48.7363, 0.4588,
0.4739

■ 80.2300, 0.2935,
0.3043

■ 82.6876, 0.2936,
0.3089

■ 85.2057, 0.2937,
0.3134

■ 87.7847, 0.2938,
0.3178

Harmonies

Analogous

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



61.0163, 0.4154, 0.3877



61.0163, 0.3861, 0.4182



61.0163, 0.3383, 0.4251

Triad

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



61.0163, 0.3861, 0.4182



61.0163, 0.2196, 0.2969



61.0163, 0.3337, 0.2713

Complementary

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



61.0163, 0.3861, 0.4182



30.0629, 0.2351, 0.2197

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.



61.0163, 0.2804, 0.2495



61.0163, 0.3861, 0.4182



61.0163, 0.2186, 0.2605

Square

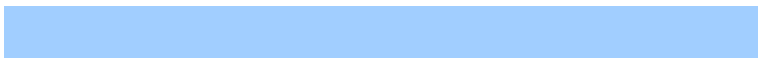
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.0163, 0.3861, 0.4182



61.0163, 0.2432, 0.3488



61.0163, 0.2397, 0.2450



61.0163, 0.3848, 0.3058

Rectangle

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



61.0163, 0.3861, 0.4182



61.0163, 0.3031, 0.4113



61.0163, 0.2397, 0.2450



61.0163, 0.3153, 0.2623

Sweetspot

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



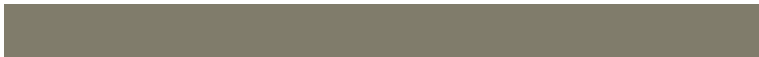
61.0191, 0.3861, 0.4182



94.0198, 0.3331, 0.3552



32.8334, 0.4041, 0.3061



19.9172, 0.3367, 0.3598



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.



61.0191, 0.3861, 0.4182



78.8977, 0.4011, 0.4342



66.3519, 0.3546, 0.4455



15.5550, 0.3272, 0.3478



28.5378, 0.4581, 0.4745



2.0951, 0.4510, 0.4801

Inverse Universe

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



30.0629, 0.2351, 0.2197



32.5880, 0.2183, 0.1936



27.3163, 0.2542, 0.2012



13.6706, 0.2981, 0.3095



4.2801, 0.1553, 0.0791



0.4207, 0.1629, 0.1063

Previews

White Background



This preview shows how the Yxy color 61.0163, 0.3861, 0.4182 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 61.0163, 0.3861, 0.4182 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 61.0163, 0.3861, 0.4182

Background



This preview shows how black text looks on a background with the Yxy color 61.0163, 0.3861, 0.4182.

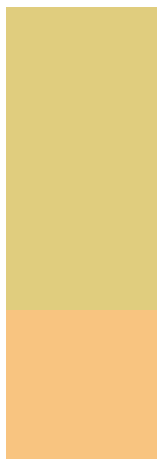


This preview shows how white text looks on a background with the Yxy color 61.0163, 0.3861, 0.4182.

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

61.0163, 0.3861, 0.4182

Protanopia

61.0163, 0.3861, 0.4182

Deuteranopia

60.9948, 0.4095, 0.4006



Tritanopia

61.0070, 0.3319, 0.3127

Trichromacy



Original Color

61.0163, 0.3861, 0.4182

Protanomaly

61.0163, 0.3861, 0.4182

Deuteranomaly

60.7299, 0.4011, 0.4070

Tritanomaly

60.9245, 0.3531, 0.3516

Monochromacy



Original Color

61.0163, 0.3861, 0.4182

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.4695, 0.3396, 0.3634

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0163, 0.3861, 0.4182 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, 205, 126)` looks like.

```
.text, #text, p{  
    color:rgb(224, 205, 126)  
}
```

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, 205, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 205, 126) }
```

Border

The CSS property to change the border of an element to Yxy 61.0163, 0.3861, 0.4182 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, 205, 126) }
```

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

```
.border{ border-color:rgb(224, 205, 126) }
```

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

Here you see how a box with a 4 pixel rgb(224, 205, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 205, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 205, 126);  
box-shadow:4px 4px 4px 4px rgb(224, 205,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0163, 0.3861, 0.4182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 205, 126) }
```

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

```
.background{ background-color: rgb(224,  
205, 126) }
```

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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