

Converting Colors

$Yxy(61.7659, 0.3992, 0.4171)$

Have a look what the booklet for
Yxy(61.7659, 0.3992, 0.4171)
contains.

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Color

Yxy(61.7792, 0.3992, 0.4171)

Conversions

Conversions Part 1

Format	Color
Hex	EBCB7A
RGB	235, 203, 122
RGB Percent	92%, 80%, 48%
CMY	0.0784, 0.2039, 0.5217
CMYK	0.00, 0.14, 0.48, 0.08
HSL	43°, 74%, 70%
HSV	43°, 48%, 92%
XYZ	59.1279, 61.7792, 27.2089
YIQ	203.3340, 45.0730, -18.4070

Conversions

Conversions Part 2

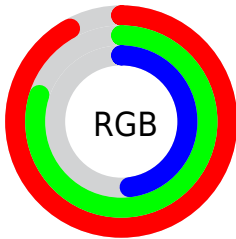
Format	Color
RYB	167, 235, 122
Decimal	15453050
CIELab	82.80, 0.99, 44.36
CIELCh	83, 44.375, 88.727
Yxy	61.7792, 0.3992, 0.4171
Android (android.graphics.Color)	4293643130 (0xFFEBCB7A)
YUV	203.3340, -40.0977, 27.7711
Hunter-Lab	78.5997, -3.2701, 34.4954

Details

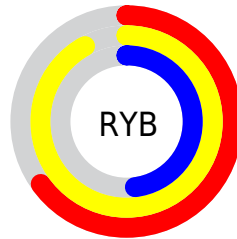
The Yxy color **61.7792, 0.3992, 0.4171** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **33.2306, 0.2289, 0.2201**, and the grayscale version is **60.1775, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.9146, 0.3597, 0.4066**, and **31.2969, 0.4184, 0.4363** is the 20% darker color. If you saturate the color by 10%, you get **58.1939, 0.4188, 0.4329**, and if you desaturate by 10%, it is **65.6459, 0.3794, 0.3994**.

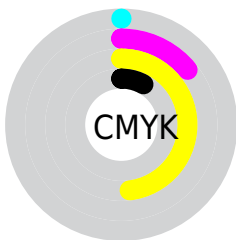
Distribution



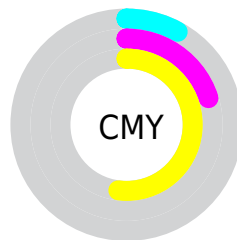
- Red (92%)
- Green (80%)
- Blue (48%)



- Red (65%)
- Yellow (92%)
- Blue (48%)



- Cyan (0%)
- Magenta (14%)
- Yellow (48%)
- Black (8%)




- Cyan (8%)
- Magenta (20%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.7792, 0.3992, 0.4171 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 61.7792, 0.3992, 0.4171 by changing the saturation by 10% instead.

 61.7792, 0.3992,
0.4171

 61.7792, 0.3992,
0.4171


431.1252, 0.3592,
0.3766

 44.8543, 0.4080,
0.4259


 107.4063, 0.3856,
0.4033

 31.3427, 0.4184,
0.4364

 136.8774, 0.3802,
0.3979

 20.8599, 0.4311,
0.4490


 171.2993, 0.3755,
0.3931

 13.0217, 0.4462,
0.4640

211.0564, 0.3714,
0.3890

 7.4435, 0.4638,
0.4812

256.5332, 0.3678,
0.3853

 3.7410, 0.4917,
0.5083

308.1140, 0.3646,

 1.5297, 0.4932,

0.3821

0.5068

366.1832, 0.3618,
0.3792

■ 0.3095, 0.5070,
0.4930

■ 0.0000, 0.0000,
0.0000

■ 61.7792, 0.3992,
0.4171

■ 61.7792, 0.3992,
0.4171

■ 58.1939, 0.4188,
0.4329

■ 65.6459, 0.3794,
0.3994

■ 54.8693, 0.4375,
0.4455


■ 69.7963, 0.3602,
0.3806

■ 51.7948, 0.4543,
0.4541


■ 74.2433, 0.3421,
0.3618

■ 48.9550, 0.4683,
0.4578

■ 78.9965, 0.3253,
0.3433

 46.3286, 0.4792,
0.4567

 84.0646, 0.3099,
0.3257

 45.8480, 0.4811,
0.4562

 88.9323, 0.3006,
0.3169

 92.9839, 0.3005,
0.3236

 96.4021, 0.3005,
0.3290

Harmonies

Analogous

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



61.7792, 0.4241, 0.3810



61.7792, 0.3992, 0.4171



61.7792, 0.3519, 0.4320

Triad

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



61.7792, 0.3992, 0.4171



61.7792, 0.2184, 0.3064



61.7792, 0.3213, 0.2617

Complementary

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



61.7792, 0.3992, 0.4171



33.2306, 0.2289, 0.2201

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.



61.7792, 0.2672, 0.2428



61.7792, 0.3992, 0.4171



61.7792, 0.2120, 0.2635

Square

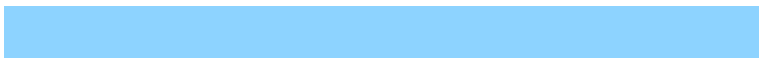
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.7792, 0.3992, 0.4171



61.7792, 0.2482, 0.3632



61.7792, 0.2289, 0.2425



61.7792, 0.3777, 0.2952

Rectangle

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



61.7792, 0.3992, 0.4171



61.7792, 0.3150, 0.4233



61.7792, 0.2289, 0.2425



61.7792, 0.3022, 0.2536

Sweetspot

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



61.7821, 0.3992, 0.4171



91.6322, 0.3351, 0.3543



33.9058, 0.4070, 0.2933



19.3512, 0.3388, 0.3583



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.



61.7821, 0.3992, 0.4171



69.9828, 0.4191, 0.4331



74.5972, 0.3651, 0.4544



16.8645, 0.3275, 0.3458



25.7440, 0.4799, 0.4572



2.1834, 0.4696, 0.4654

Inverse Universe

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



33.2306, 0.2289, 0.2201



31.8341, 0.2105, 0.1922



26.0619, 0.2390, 0.1838



15.2431, 0.2980, 0.3116



5.7271, 0.1600, 0.0961



0.6082, 0.1675, 0.1230

Previews

White Background



This preview shows how the Yxy color 61.7792, 0.3992, 0.4171 looks on a white background.

Color Contrast Check

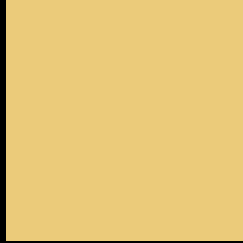
Large Text (above 18pt) WCAG AA × Fail

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 61.7792, 0.3992, 0.4171 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 61.7792, 0.3992, 0.4171

Background



This preview shows how black text looks on a background with the Yxy color 61.7792, 0.3992, 0.4171.



This preview shows how white text looks on a background with the Yxy color 61.7792, 0.3992, 0.4171.

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

61.7792, 0.3992, 0.4171

Protanopia

61.7414, 0.3894, 0.4217

Deuteranopia

61.6866, 0.4143, 0.4059



Tritanopia

61.7487, 0.3419, 0.3131

Trichromacy



Original Color

61.7792, 0.3992, 0.4171

Protanomaly

61.7507, 0.3924, 0.4198

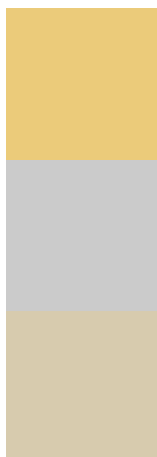
Deuteranomaly

61.6894, 0.4090, 0.4092

Tritanomaly

61.6321, 0.3635, 0.3510

Monochromacy



Original Color

61.7792, 0.3992, 0.4171

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.2149, 0.3437, 0.3630

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7792, 0.3992, 0.4171 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(235, 203, 122)` looks like.

```
.text, #text, p{  
    color:rgb(235, 203, 122)  
}
```

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(235, 203, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 203, 122) }
```

Border

The CSS property to change the border of an element to Yxy 61.7792, 0.3992, 0.4171 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(235, 203, 122) }
```

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

```
.border{ border-color:rgb(235, 203, 122) }
```

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

Here you see how a box with a 4 pixel rgb(235, 203, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 203, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 203, 122);  
box-shadow:4px 4px 4px 4px rgb(235, 203,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7792, 0.3992, 0.4171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 203, 122) }
```

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

```
.background{ background-color: rgb(235,  
203, 122) }
```

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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