

Converting Colors

$Yxy(61.5550, 0.3962, 0.4006)$

Have a look what the booklet for
Yxy(61.5550, 0.3962, 0.4006)
contains.

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Color

Yxy(61.5550, 0.3962, 0.4006)

Conversions

Conversions Part 1

Format	Color
Hex	F0C886
RGB	240, 200, 134
RGB Percent	94%, 78%, 53%
CMY	0.0590, 0.2156, 0.4745
CMYK	0.00, 0.17, 0.44, 0.06
HSL	37°, 78%, 73%
HSV	37°, 44%, 94%
XYZ	60.8789, 61.5550, 31.2231
YIQ	204.4360, 45.0260, -12.0460

Conversions

Conversions Part 2

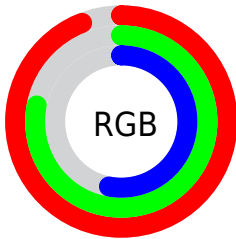
Format	Color
R_{YB}	198, 240, 134
Decimal	15779974
CIE _{Lab}	82.68, 5.67, 38.24
CIE _{LCh}	83, 38.663, 81.561
Yxy	61.5550, 0.3962, 0.4006
Android (android.graphics.Color)	4293970054 (0xFFFF0C886)
YUV	204.4360, -34.7249, 31.1896
Hunter-Lab	78.4570, 1.2078, 31.3246

Details

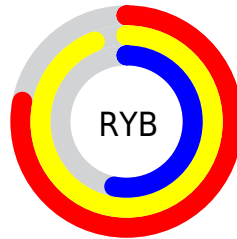
The Yxy color **61.5550, 0.3962, 0.4006** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **41.5946, 0.2385, 0.2439**, and the grayscale version is **60.8751, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4108, 0.3526, 0.3949**, and **31.1274, 0.4161, 0.4161** is the 20% darker color. If you saturate the color by 10%, you get **56.8972, 0.4188, 0.4154**, and if you desaturate by 10%, it is **66.6181, 0.3745, 0.3844**.

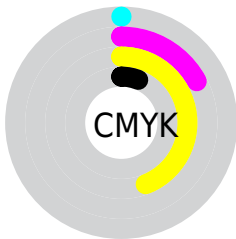
Distribution



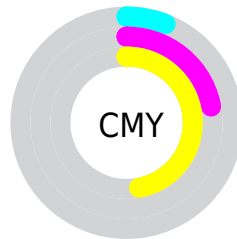
- Red (94%)
- Green (78%)
- Blue (53%)



- Red (78%)
- Yellow (94%)
- Blue (53%)



- Cyan (0%)
- Magenta (17%)
- Yellow (44%)
- Black (6%)





- Cyan (6%)
- Magenta (22%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.5550, 0.3962, 0.4006 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 61.5550, 0.3962, 0.4006 by changing the saturation by 10% instead.


 61.5550, 0.3962,
0.4006

 61.5550, 0.3962,
0.4006


430.3060, 0.3570,
0.3678


 44.6732, 0.4051,
0.4077

 107.0821, 0.3826,
0.3894

 31.2001, 0.4159,
0.4163


 136.4963, 0.3773,
0.3850

 20.7513, 0.4292,
0.4266


 170.8566, 0.3727,
0.3812

 12.9423, 0.4460,
0.4390

210.5477, 0.3688,
0.3779

 7.3888, 0.4669,
0.4535

255.9537, 0.3653,
0.3749

 3.7064, 0.5084,
0.4838

307.4592, 0.3622,

 1.5107, 0.5209,

0.3723

0.4791

365.4485, 0.3594,
0.3699

0.2963, 0.5864,
0.4136

0.0000, 0.0000,
0.0000

61.5550, 0.3962,
0.4006

61.5550, 0.3962,
0.4006

56.8972, 0.4188,
0.4154

66.6181, 0.3745,
0.3844

52.6214, 0.4415,
0.4277

72.0915, 0.3543,
0.3677

48.7145, 0.4631,
0.4363

77.9906, 0.3358,
0.3512

45.1583, 0.4826,
0.4401

84.3275, 0.3191,
0.3353

■ 41.9317, 0.4987,
0.4385

■ 91.1136, 0.3042,
0.3204

■ 40.1828, 0.5069,
0.4357

■ 96.7915, 0.3035,
0.3283

■ 97.2562, 0.3035,
0.3290

Harmonies

Analogous

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



61.5550, 0.4112, 0.3669



61.5550, 0.3962, 0.4006



61.5550, 0.3588, 0.4180

Triad

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



61.5550, 0.3962, 0.4006



61.5550, 0.2342, 0.3211



61.5550, 0.3085, 0.2641

Complementary

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



61.5550, 0.3962, 0.4006



41.5946, 0.2385, 0.2439

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.



61.5550, 0.2633, 0.2510



61.5550, 0.3962, 0.4006



61.5550, 0.2231, 0.2795

Square

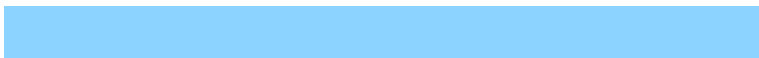
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.5550, 0.3962, 0.4006



61.5550, 0.2654, 0.3704



61.5550, 0.2333, 0.2555



61.5550, 0.3586, 0.2914

Rectangle

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



61.5550, 0.3962, 0.4006



61.5550, 0.3271, 0.4147



61.5550, 0.2333, 0.2555



61.5550, 0.2922, 0.2579

Sweetspot

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



61.5579, 0.3962, 0.4006



90.3341, 0.3338, 0.3494



38.6439, 0.3838, 0.2845



19.0023, 0.3377, 0.3530



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.



61.5579, 0.3962, 0.4006



65.8356, 0.4165, 0.4140



80.4371, 0.3693, 0.4413



17.4000, 0.3278, 0.3437



22.2715, 0.5051, 0.4371



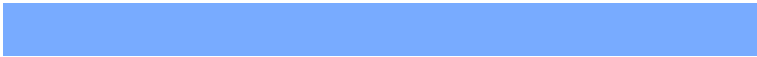
2.0435, 0.4908, 0.4485

Inverse Universe

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



41.5946, 0.2385, 0.2439



40.2419, 0.2229, 0.2226



29.4795, 0.2382, 0.1942



16.2046, 0.2980, 0.3139



7.7219, 0.1666, 0.1197



0.8279, 0.1739, 0.1458

Previews

White Background



This preview shows how the Yxy color 61.5550, 0.3962, 0.4006 looks on a white background.

Color Contrast Check

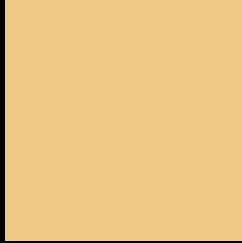
Large Text (above 18pt) WCAG AA × Fail

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 61.5550, 0.3962, 0.4006 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 61.5550, 0.3962, 0.4006

Background



This preview shows how black text looks on a background with the Yxy color 61.5550, 0.3962, 0.4006.



This preview shows how white text looks on a background with the Yxy color 61.5550, 0.3962, 0.4006.

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

61.5550, 0.3962, 0.4006

Protanopia

61.7675, 0.3786, 0.4085

Deuteranopia

61.6382, 0.4037, 0.3946



Tritanopia

61.4920, 0.3471, 0.3133

Trichromacy



Original Color

61.5550, 0.3962, 0.4006

Protanomaly

61.7580, 0.3852, 0.4060

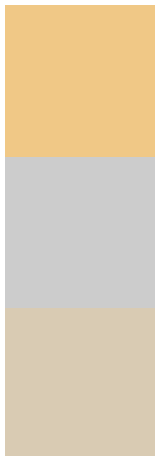
Deuteranomaly

61.5499, 0.4007, 0.3963

Tritanomaly

61.1120, 0.3653, 0.3443

Monochromacy



Original Color

61.5550, 0.3962, 0.4006

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.7183, 0.3415, 0.3569

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.5550, 0.3962, 0.4006 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(240, 200, 134)` looks like.

```
.text, #text, p{  
    color:rgb(240, 200, 134)  
}
```

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(240, 200, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 200, 134) }
```

Border

The CSS property to change the border of an element to Yxy 61.5550, 0.3962, 0.4006 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(240, 200, 134) }
```

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

```
.border{ border-color:rgb(240, 200, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 200, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 200, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 200, 134);  
box-shadow:4px 4px 4px 4px rgb(240, 200,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 61.5550, 0.3962, 0.4006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 200, 134) }
```

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

```
.background{ background-color: rgb(240,  
200, 134) }
```

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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