

Converting Colors

$Yxy(60.1027, 0.3686, 0.3613)$

Have a look what the booklet for
Yxy(60.1027, 0.3686, 0.3613)
contains.

Yxy(60.1027, 0.3686, 0.3613)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.1027, 0.3686, 0.3613)

Conversions

Conversions Part 1

Format	Color
Hex	ECC4A7
RGB	236, 196, 167
RGB Percent	93%, 77%, 65%
CMY	0.0744, 0.2314, 0.3451
CMYK	0.00, 0.17, 0.29, 0.07
HSL	25°, 65%, 79%
HSV	25°, 29%, 93%
XYZ	61.3171, 60.1027, 44.9315
YIQ	204.6540, 33.1490, -0.5390

Conversions

Conversions Part 2

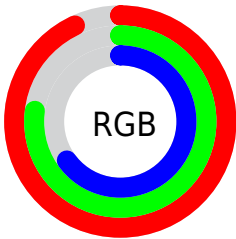
Format	Color
R _Y B	236, 217, 167
Decimal	15516839
CIE Lab	81.89, 10.08, 19.88
CIE LCh	82, 22.291, 63.124
Yxy	60.1027, 0.3686, 0.3613
Android (android.graphics.Color)	4293706919 (0xFFECC4A7)
YUV	204.6540, -18.5634, 27.4904
Hunter-Lab	77.5259, 5.5094, 19.9056

Details

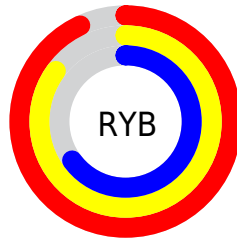
The Yxy color **60.1027, 0.3686, 0.3613** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **58.9277, 0.2667, 0.2942**, and the grayscale version is **60.9272, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7845, 0.3324, 0.3593**, and **30.1675, 0.3828, 0.3683** is the 20% darker color. If you saturate the color by 10%, you get **53.4126, 0.3935, 0.3728**, and if you desaturate by 10%, it is **67.5216, 0.3468, 0.3498**.

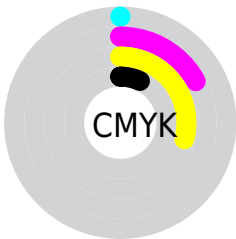
Distribution



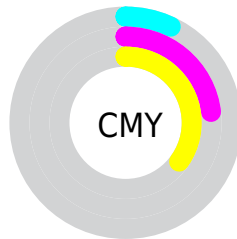
- Red (93%)
- Green (77%)
- Blue (65%)



- Red (93%)
- Yellow (85%)
- Blue (65%)



- Cyan (0%)
- Magenta (17%)
- Yellow (29%)
- Black (7%)





- Cyan (7%)
- Magenta (23%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.1027, 0.3686, 0.3613 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 60.1027, 0.3686, 0.3613 by changing the saturation by 10% instead.

 60.1027, 0.3686,
0.3613


 60.1027, 0.3686,
0.3613


424.9762, 0.3417,
0.3464

 43.5014, 0.3750,
0.3646


 104.9786, 0.3591,
0.3562

 30.2787, 0.3830,
0.3687


 134.0221, 0.3554,
0.3542

 20.0503, 0.3933,
0.3738


167.9817, 0.3523,
0.3524

 12.4316, 0.4070,
0.3803

207.2419, 0.3496,
0.3509

 7.0383, 0.4262,
0.3886

252.1870, 0.3472,
0.3496

 3.4861, 0.4542,
0.3994

303.2015, 0.3452,

 1.3905, 0.5399,

0.3484

0.4461

360.6698, 0.3433,
0.3473

0.2097, 0.6799,
0.3201

0.0000, 0.0000,
0.0000

60.1027, 0.3686,
0.3613

60.1027, 0.3686,
0.3613

53.4126, 0.3935,
0.3728

67.5216, 0.3468,
0.3498

47.4192, 0.4214,
0.3836

75.6833, 0.3279,
0.3387

42.1002, 0.4517,
0.3927

84.6121, 0.3116,
0.3282

37.4285, 0.4832,
0.3988

93.9077, 0.3012,
0.3248

■ 33.3750, 0.5141,
0.4008

■ 96.5796, 0.3012,
0.3290

■ 29.9072, 0.5419,
0.3974

■ 26.9835, 0.5649,
0.3890

■ 26.7824, 0.5666,
0.3883

Harmonies

Analogous

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



60.1027, 0.3666, 0.3388



60.1027, 0.3686, 0.3613



60.1027, 0.3550, 0.3767

Triad

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



60.1027, 0.3686, 0.3613



60.1027, 0.2766, 0.3424



60.1027, 0.2935, 0.2835

Complementary

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



60.1027, 0.3686, 0.3613



58.9277, 0.2667, 0.2942

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.



60.1027, 0.2710, 0.2827



60.1027, 0.3686, 0.3613



60.1027, 0.2616, 0.3153

Square

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



60.1027, 0.3686, 0.3613



60.1027, 0.3015, 0.3666



60.1027, 0.2596, 0.2937



60.1027, 0.3222, 0.2952

Rectangle

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



60.1027, 0.3686, 0.3613



60.1027, 0.3393, 0.3801



60.1027, 0.2596, 0.2937



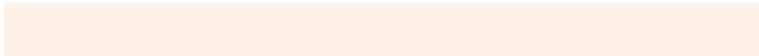
60.1027, 0.2850, 0.2820

Sweetspot

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



60.1055, 0.3686, 0.3613



90.4063, 0.3275, 0.3385



49.9984, 0.3404, 0.2850



19.0338, 0.3301, 0.3401



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.



60.1055, 0.3686, 0.3613



66.8206, 0.3829, 0.3681



77.3831, 0.3585, 0.3965



16.0933, 0.3282, 0.3389



15.0006, 0.5638, 0.3906



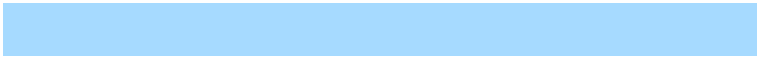
1.3643, 0.5391, 0.4101

Inverse Universe

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



58.9277, 0.2667, 0.2942



65.1986, 0.2574, 0.2860



44.0701, 0.2620, 0.2511



16.0006, 0.2981, 0.3189



13.4488, 0.1849, 0.1855



1.2456, 0.1909, 0.2073

Previews

White Background



This preview shows how the Yxy color 60.1027, 0.3686, 0.3613 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 60.1027, 0.3686, 0.3613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

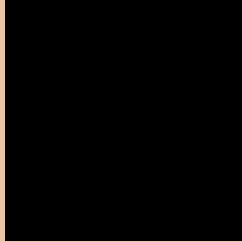
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.1027, 0.3686, 0.3613

Background



This preview shows how black text looks on a background with the Yxy color 60.1027, 0.3686, 0.3613.



This preview shows how white text looks on a background with the Yxy color 60.1027, 0.3686, 0.3613.

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

60.1027, 0.3686, 0.3613

Protanopia

60.0992, 0.3460, 0.3665

Deuteranopia

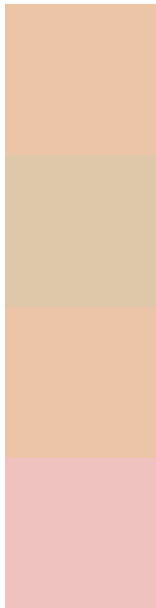
60.1027, 0.3686, 0.3613



Tritanopia

60.1946, 0.3421, 0.3140

Trichromacy



Original Color

60.1027, 0.3686, 0.3613

Protanomaly

59.8988, 0.3541, 0.3636

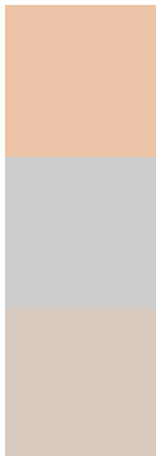
Deuteranomaly

60.1027, 0.3686, 0.3613

Tritanomaly

60.2522, 0.3523, 0.3313

Monochromacy



Original Color

60.1027, 0.3686, 0.3613

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.6016, 0.3318, 0.3417

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1027, 0.3686, 0.3613 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, 196, 167)` looks like.

```
.text, #text, p{  
    color:rgb(236, 196, 167)  
}
```

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, 196, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 196, 167) }
```

Border

The CSS property to change the border of an element to Yxy 60.1027, 0.3686, 0.3613 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, 196, 167) }
```

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

```
.border{ border-color:rgb(236, 196, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 196, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 196, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 196, 167);  
box-shadow:4px 4px 4px 4px rgb(236, 196,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1027, 0.3686, 0.3613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 196, 167) }
```

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

```
.background{ background-color: rgb(236,  
196, 167) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor