

Converting Colors

Yxy(61.6432, 0.3681, 0.3593)

Have a look what the booklet for
Yxy(61.6432, 0.3681, 0.3593)
contains.

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Color

Yxy(61.6412, 0.3681, 0.3599)

Conversions

Conversions Part 1

Format	Color
Hex	EFC6AA
RGB	239, 198, 170
RGB Percent	94%, 78%, 67%
CMY	0.0627, 0.2235, 0.3335
CMYK	0.00, 0.17, 0.29, 0.06
HSL	24°, 68%, 80%
HSV	24°, 29%, 94%
XYZ	63.0456, 61.6412, 46.5863
YIQ	207.0670, 33.4240, -0.0160

Conversions

Conversions Part 2

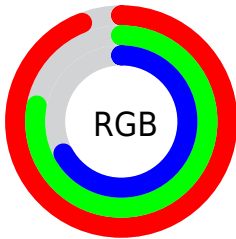
Format	Color
R _{YB}	239, 217, 170
Decimal	15713962
CIE _{Lab}	82.72, 10.53, 19.51
CIE _{LCh}	83, 22.166, 61.640
Yxy	61.6412, 0.3681, 0.3599
Android (android.graphics.Color)	4293904042 (0xFFEFC6AA)
YUV	207.0670, -18.2740, 28.0052
Hunter-Lab	78.5119, 5.9410, 19.7777

Details

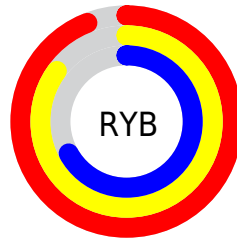
The Yxy color **61.6412, 0.3681, 0.3599** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **61.3462, 0.2673, 0.2958**, and the grayscale version is **62.5466, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2162, 0.3304, 0.3582**, and **31.1996, 0.3819, 0.3663** is the 20% darker color. If you saturate the color by 10%, you get **54.6326, 0.3932, 0.3710**, and if you desaturate by 10%, it is **69.4280, 0.3462, 0.3488**.

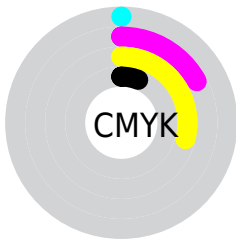
Distribution



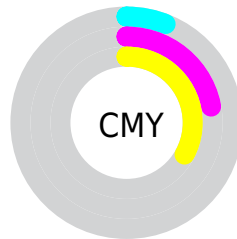
- Red (94%)
- Green (78%)
- Blue (67%)



- Red (94%)
- Yellow (85%)
- Blue (67%)



- Cyan (0%)
- Magenta (17%)
- Yellow (29%)
- Black (6%)




- Cyan (6%)
- Magenta (22%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.6412, 0.3681, 0.3599 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 61.6412, 0.3681, 0.3599 by changing the saturation by 10% instead.


 61.6412, 0.3681,
0.3599

 61.6412, 0.3681,
0.3599

430.6211, 0.3415,
0.3457

 44.7428, 0.3744,
0.3631

 107.2068, 0.3587,
0.3550

 31.2549, 0.3822,
0.3669


136.6428, 0.3551,
0.3531

 20.7930, 0.3923,
0.3717


171.0269, 0.3520,
0.3515

 12.9728, 0.4058,
0.3778

210.7433, 0.3494,
0.3500

 7.4098, 0.4244,
0.3856

256.1766, 0.3470,
0.3488

 3.7197, 0.4517,
0.3956

307.7110, 0.3450,

 1.5180, 0.5220,

0.3476

0.4299

365.7311, 0.3432,
0.3466

0.3014, 0.6433,
0.3567

0.0000, 0.0000,
0.0000

61.6412, 0.3681,
0.3599

61.6412, 0.3681,
0.3599

54.6326, 0.3932,
0.3710

69.4280, 0.3462,
0.3488

48.3681, 0.4214,
0.3815

78.0087, 0.3273,
0.3380

42.8235, 0.4522,
0.3904

87.4092, 0.3110,
0.3279

37.9697, 0.4844,
0.3963

96.9522, 0.3029,
0.3288

■ 33.7751, 0.5160,
0.3981

■ 97.0923, 0.3029,
0.3290

■ 30.2049, 0.5446,
0.3947

■ 27.2157, 0.5682,
0.3862

■ 26.9151, 0.5706,
0.3851

Harmonies

Analogous

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



61.6412, 0.3654, 0.3375



61.6412, 0.3681, 0.3599



61.6412, 0.3554, 0.3755

Triad

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



61.6412, 0.3681, 0.3599



61.6412, 0.2782, 0.3436



61.6412, 0.2925, 0.2838

Complementary

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



61.6412, 0.3681, 0.3599



61.3462, 0.2673, 0.2958

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.



61.6412, 0.2707, 0.2836



61.6412, 0.3681, 0.3599



61.6412, 0.2628, 0.3167

Square

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



61.6412, 0.3681, 0.3599



61.6412, 0.3030, 0.3670



61.6412, 0.2601, 0.2950



61.6412, 0.3206, 0.2949

Rectangle

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



61.6412, 0.3681, 0.3599



61.6412, 0.3402, 0.3793



61.6412, 0.2601, 0.2950



61.6412, 0.2842, 0.2825

Sweetspot

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



61.6440, 0.3681, 0.3599



90.2196, 0.3275, 0.3382



51.8107, 0.3390, 0.2843



18.9879, 0.3301, 0.3397



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.



61.6440, 0.3681, 0.3599



66.2445, 0.3834, 0.3669



79.0251, 0.3582, 0.3946



16.8129, 0.3283, 0.3386



15.1149, 0.5678, 0.3873



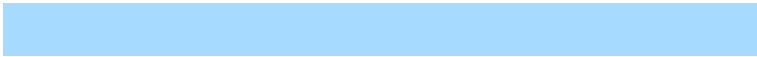
1.4479, 0.5440, 0.4063

Inverse Universe

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



61.3462, 0.2673, 0.2958



65.8334, 0.2576, 0.2874



46.1666, 0.2628, 0.2536



16.7895, 0.2980, 0.3192



14.3879, 0.1862, 0.1902



1.3918, 0.1918, 0.2103

Previews

White Background



This preview shows how the Yxy color 61.6412, 0.3681, 0.3599 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 61.6412, 0.3681, 0.3599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

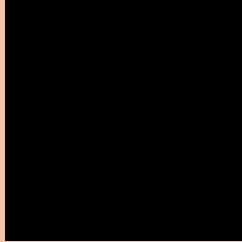
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.6412, 0.3681, 0.3599

Background



This preview shows how black text looks on a background with the Yxy color 61.6412, 0.3681, 0.3599.



This preview shows how white text looks on a background with the Yxy color 61.6412, 0.3681, 0.3599.

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

61.6412, 0.3681, 0.3599

Protanopia

61.9503, 0.3447, 0.3661

Deuteranopia

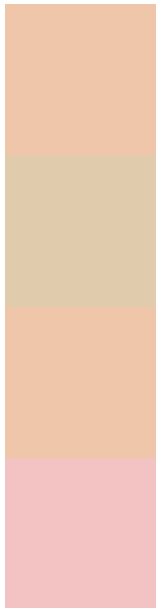
61.6412, 0.3681, 0.3599



Tritanopia

61.7487, 0.3419, 0.3131

Trichromacy



Original Color

61.6412, 0.3681, 0.3599

Protanomaly

61.7366, 0.3527, 0.3632

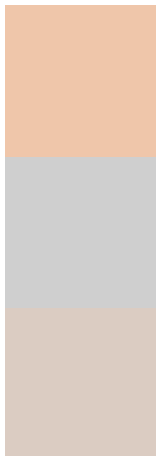
Deuteranomaly

61.6412, 0.3681, 0.3599

Tritanomaly

61.8025, 0.3519, 0.3302

Monochromacy



Original Color

61.6412, 0.3681, 0.3599

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.1408, 0.3317, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.6412, 0.3681, 0.3599 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(239, 198, 170)` looks like.

```
.text, #text, p{  
    color:rgb(239, 198, 170)  
}
```

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(239, 198, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 198, 170) }
```

Border

The CSS property to change the border of an element to Yxy 61.6412, 0.3681, 0.3599 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(239, 198, 170) }
```

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

```
.border{ border-color:rgb(239, 198, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 198, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 198, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 198, 170);  
box-shadow:4px 4px 4px 4px rgb(239, 198,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 61.6412, 0.3681, 0.3599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 198, 170) }
```

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

```
.background{ background-color: rgb(239,  
198, 170) }
```

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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