

Converting Colors

Yxy(61.6040, 0.3558, 0.3590)

Have a look what the booklet for
Yxy(61.6040, 0.3558, 0.3590)
contains.

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Color

Yxy(61.6523, 0.3565, 0.3594)

Conversions

Conversions Part 1

Format	Color
Hex	E6C9AE
RGB	230, 201, 174
RGB Percent	90%, 79%, 68%
CMY	0.0982, 0.2117, 0.3175
CMYK	0.00, 0.13, 0.24, 0.10
HSL	29°, 53%, 79%
HSV	29°, 24%, 90%
XYZ	61.1548, 61.6523, 48.7352
YIQ	206.5930, 25.9510, -2.2490

Conversions

Conversions Part 2

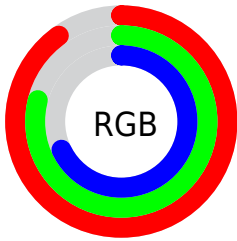
Format	Color
R _Y B	230, 226, 174
Decimal	15124910
CIE Lab	82.73, 6.10, 17.23
CIE LCh	83, 18.281, 70.508
Yxy	61.6523, 0.3565, 0.3594
Android (android.graphics.Color)	4293314990 (0xFFE6C9AE)
YUV	206.5930, -16.0683, 20.5279
Hunter-Lab	78.5190, 1.6172, 18.1632

Details

The Yxy color **61.6523, 0.3565, 0.3594** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.4186, 0.2742, 0.2965**, and the grayscale version is **62.2151, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4932, 0.3274, 0.3532**, and **31.2712, 0.3674, 0.3659** is the 20% darker color. If you saturate the color by 10%, you get **55.4962, 0.3789, 0.3726**, and if you desaturate by 10%, it is **68.3977, 0.3367, 0.3465**.

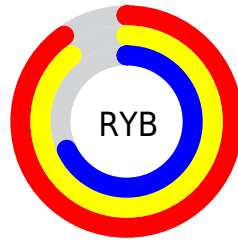
Distribution



Red (90%)

Green (79%)

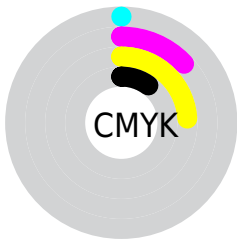
Blue (68%)



Red (90%)

Yellow (89%)

Blue (68%)

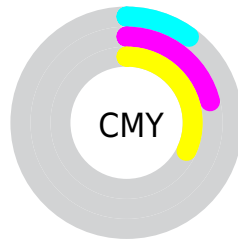


Cyan (0%)

Magenta (13%)

Yellow (24%)

Black (10%)



Cyan (10%)


Magenta (21%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.6523, 0.3565, 0.3594 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 61.6523, 0.3565, 0.3594 by changing the saturation by 10% instead.


 61.6523, 0.3565,
0.3594

 61.6523, 0.3565,
0.3594

430.6617, 0.3355,
0.3452

 44.7518, 0.3615,
0.3627


 107.2228, 0.3491,
0.3545

 31.2620, 0.3676,
0.3667


136.6617, 0.3463,
0.3525

 20.7984, 0.3756,
0.3718


171.0488, 0.3438,
0.3509

 12.9767, 0.3862,
0.3784

210.7685, 0.3417,
0.3495

 7.4125, 0.4010,
0.3872

256.2053, 0.3399,
0.3482

 3.7214, 0.4229,
0.3995

307.7434, 0.3383,

 1.5190, 0.4743,

0.3471

0.4320

365.7674, 0.3368,
0.3461

0.3020, 0.5908,
0.4092

0.0000, 0.0000,
0.0000

61.6523, 0.3565,
0.3594

61.6523, 0.3565,
0.3594

55.4962, 0.3789,
0.3726

68.3977, 0.3367,
0.3465

49.9035, 0.4037,
0.3854

75.7407, 0.3195,
0.3341

44.8584, 0.4308,
0.3969

83.6999, 0.3045,
0.3225

40.3412, 0.4592,
0.4062

91.5605, 0.2975,
0.3226

■ 36.3305, 0.4875,
0.4118

■ 95.5582, 0.2975,
0.3290

■ 32.8026, 0.5139,
0.4125

■ 29.7307, 0.5367,
0.4077

■ 28.1724, 0.5480,
0.4031

Harmonies

Analogous

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



61.6523, 0.3581, 0.3421



61.6523, 0.3565, 0.3594



61.6523, 0.3429, 0.3694

Triad

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



61.6523, 0.3565, 0.3594



61.6523, 0.2794, 0.3345



61.6523, 0.3027, 0.2932

Complementary

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



61.6523, 0.3565, 0.3594



57.4186, 0.2742, 0.2965

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.



61.6523, 0.2825, 0.2903



61.6523, 0.3565, 0.3594



61.6523, 0.2694, 0.3132

Square

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



61.6523, 0.3565, 0.3594



61.6523, 0.2982, 0.3552



61.6523, 0.2705, 0.2972



61.6523, 0.3263, 0.3048

Rectangle

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



61.6523, 0.3565, 0.3594



61.6523, 0.3291, 0.3699



61.6523, 0.2705, 0.2972



61.6523, 0.2953, 0.2912

Sweetspot

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



61.6551, 0.3565, 0.3594



93.1491, 0.3239, 0.3374



51.4545, 0.3371, 0.2957



19.8152, 0.3249, 0.3381



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.



61.6551, 0.3565, 0.3594



74.0807, 0.3670, 0.3658



75.4205, 0.3498, 0.3878



15.5096, 0.3280, 0.3404



16.1965, 0.5455, 0.4051



1.3821, 0.5223, 0.4235

Inverse Universe

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



57.4186, 0.2742, 0.2965



67.8842, 0.2663, 0.2891



45.7224, 0.2713, 0.2626



15.1151, 0.2981, 0.3174



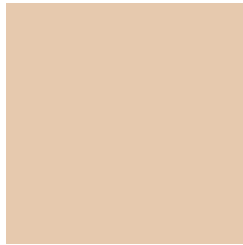
10.9575, 0.1789, 0.1641



0.9956, 0.1861, 0.1898

Previews

White Background



This preview shows how the Yxy color 61.6523, 0.3565, 0.3594 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 61.6523, 0.3565, 0.3594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

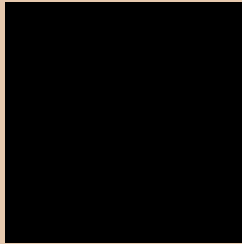
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

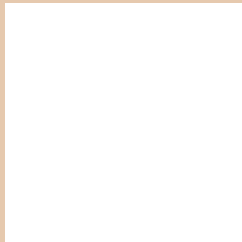
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.6523, 0.3565, 0.3594

Background



This preview shows how black text looks on a background with the Yxy color 61.6523, 0.3565, 0.3594.



This preview shows how white text looks on a background with the Yxy color 61.6523, 0.3565, 0.3594.

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

61.6523, 0.3565, 0.3594

Protanopia

62.0289, 0.3432, 0.3638

Deuteranopia

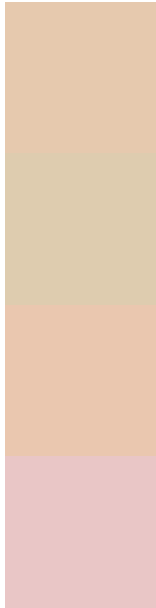
61.4878, 0.3624, 0.3545



Tritanopia

61.6754, 0.3318, 0.3128

Trichromacy



Original Color

61.6523, 0.3565, 0.3594

Protanomaly

61.8105, 0.3485, 0.3623

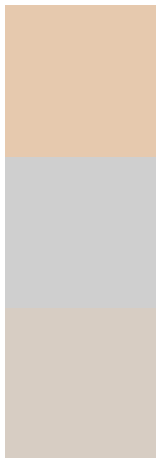
Deuteranomaly

61.4344, 0.3596, 0.3558

Tritanomaly

61.7890, 0.3408, 0.3291

Monochromacy



Original Color

61.6523, 0.3565, 0.3594

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.0498, 0.3277, 0.3405

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.6523, 0.3565, 0.3594 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(230, 201, 174)` looks like.

```
.text, #text, p{  
    color:rgb(230, 201, 174)  
}
```

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(230, 201, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 201, 174) }
```

Border

The CSS property to change the border of an element to Yxy 61.6523, 0.3565, 0.3594 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(230, 201, 174) }
```

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

```
.border{ border-color:rgb(230, 201, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 201, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 201, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 201, 174);  
box-shadow:4px 4px 4px 4px rgb(230, 201,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 61.6523, 0.3565, 0.3594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 201, 174) }
```

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

```
.background{ background-color: rgb(230,  
201, 174) }
```

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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