

Converting Colors

Yxy(61.0482, 0.3592, 0.3602)

Have a look what the booklet for
Yxy(61.0482, 0.3592, 0.3602)
contains.

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Color

Yxy(61.2760, 0.3592, 0.3605)

Conversions

Conversions Part 1

Format	Color
Hex	E7C8AC
RGB	231, 200, 172
RGB Percent	91%, 78%, 67%
CMY	0.0941, 0.2157, 0.3254
CMYK	0.00, 0.13, 0.26, 0.09
HSL	28°, 55%, 79%
HSV	28°, 26%, 91%
XYZ	61.0550, 61.2760, 47.6440
YIQ	206.0770, 27.4640, -2.1360

Conversions

Conversions Part 2

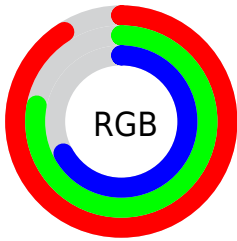
Format	Color
RYB	231, 225, 172
Decimal	15190188
CIELab	82.53, 6.73, 18.04
CIElCh	83, 19.252, 69.531
Yxy	61.2760, 0.3592, 0.3605
Android (android.graphics.Color)	4293380268 (0xFFE7C8AC)
YUV	206.0770, -16.8000, 21.8575
Hunter-Lab	78.2790, 2.2359, 18.7088

Details

The Yxy color **61.2760, 0.3592, 0.3605** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.2525, 0.2723, 0.2952**, and the grayscale version is **61.8714, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3261, 0.3292, 0.3562**, and **31.0278, 0.3711, 0.3673** is the 20% darker color. If you saturate the color by 10%, you get **55.0666, 0.3820, 0.3735**, and if you desaturate by 10%, it is **68.0914, 0.3391, 0.3477**.

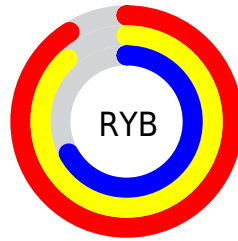
Distribution



Red (91%)

Green (78%)

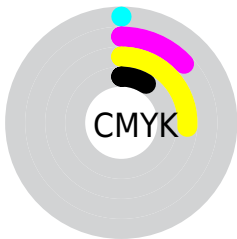
Blue (67%)



Red (91%)

Yellow (88%)

Blue (67%)

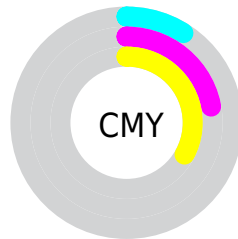


Cyan (0%)

Magenta (13%)

Yellow (26%)

Black (9%)



Cyan (9%)


Magenta (22%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.2760, 0.3592, 0.3605 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 61.2760, 0.3592, 0.3605 by changing the saturation by 10% instead.


 61.2760, 0.3592,
0.3605

 61.2760, 0.3592,
0.3605


429.2853, 0.3369,
0.3458

 44.4479, 0.3645,
0.3639


 106.6785, 0.3513,
0.3554

 31.0228, 0.3711,
0.3680


136.0217, 0.3483,
0.3534

 20.6162, 0.3795,
0.3732

170.3054, 0.3457,
0.3517

 12.8438, 0.3909,
0.3800

209.9140, 0.3435,
0.3502

 7.3211, 0.4066,
0.3890

255.2319, 0.3415,
0.3489

 3.6637, 0.4297,
0.4013

306.6434, 0.3398,

 1.4873, 0.4886,

0.3478

0.4381

364.5331, 0.3383,
0.3467

0.2797, 0.6060,
0.3940

0.0000, 0.0000,
0.0000

61.2760, 0.3592,
0.3605

61.2760, 0.3592,
0.3605

55.0666, 0.3820,
0.3735

68.0914, 0.3391,
0.3477

49.4367, 0.4074,
0.3860

75.5220, 0.3214,
0.3355

44.3696, 0.4349,
0.3971

83.5869, 0.3062,
0.3240

39.8446, 0.4637,
0.4058

91.6812, 0.2981,
0.3225

■ 35.8392, 0.4923,
0.4107

■ 95.7281, 0.2982,
0.3290

■ 32.3289, 0.5188,
0.4106

■ 29.2853, 0.5413,
0.4050

■ 28.0621, 0.5503,
0.4012

Harmonies

Analogous

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



61.2760, 0.3604, 0.3421



61.2760, 0.3592, 0.3605



61.2760, 0.3451, 0.3714

Triad

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



61.2760, 0.3592, 0.3605



61.2760, 0.2781, 0.3356



61.2760, 0.3013, 0.2911

Complementary

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



61.2760, 0.3592, 0.3605



57.2525, 0.2723, 0.2952

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.



61.2760, 0.2803, 0.2883



61.2760, 0.3592, 0.3605



61.2760, 0.2673, 0.3129

Square

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



61.2760, 0.3592, 0.3605



61.2760, 0.2981, 0.3573



61.2760, 0.2681, 0.2959



61.2760, 0.3263, 0.3030

Rectangle

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



61.2760, 0.3592, 0.3605



61.2760, 0.3307, 0.3724



61.2760, 0.2681, 0.2959



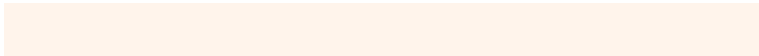
61.2760, 0.2936, 0.2891

Sweetspot

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



61.2788, 0.3592, 0.3605



92.1066, 0.3256, 0.3385



50.8315, 0.3386, 0.2940



19.4091, 0.3282, 0.3403



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.



61.2788, 0.3592, 0.3605



72.2179, 0.3717, 0.3678



76.0215, 0.3517, 0.3908



15.4907, 0.3281, 0.3402



15.9777, 0.5478, 0.4033



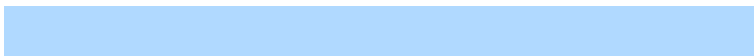
1.3656, 0.5242, 0.4220

Inverse Universe

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



57.2525, 0.2723, 0.2952



66.3178, 0.2631, 0.2866



44.8044, 0.2689, 0.2587



15.1341, 0.2981, 0.3176



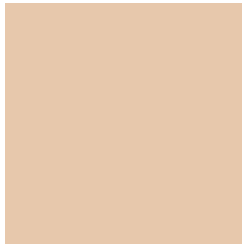
11.2003, 0.1797, 0.1667



1.0134, 0.1867, 0.1922

Previews

White Background



This preview shows how the Yxy color 61.2760, 0.3592, 0.3605 looks on a white background.

Color Contrast Check

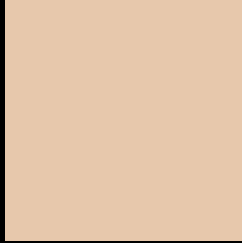
Large Text (above 18pt) WCAG AA × Fail

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 61.2760, 0.3592, 0.3605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

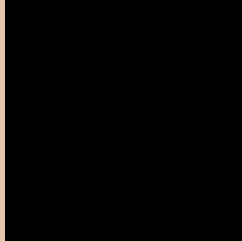
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.2760, 0.3592, 0.3605

Background



This preview shows how black text looks on a background with the Yxy color 61.2760, 0.3592, 0.3605.



This preview shows how white text looks on a background with the Yxy color 61.2760, 0.3592, 0.3605.

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

61.2760, 0.3592, 0.3605

Protanopia

61.3176, 0.3441, 0.3651

Deuteranopia

61.3712, 0.3648, 0.3578



Tritanopia

61.3455, 0.3335, 0.3128

Trichromacy



Original Color

61.2760, 0.3592, 0.3605

Protanomaly

61.1012, 0.3494, 0.3636

Deuteranomaly

61.4876, 0.3628, 0.3591

Tritanomaly

61.4105, 0.3434, 0.3302

Monochromacy



Original Color

61.2760, 0.3592, 0.3605

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.5278, 0.3285, 0.3406

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2760, 0.3592, 0.3605 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(231, 200, 172)` looks like.

```
.text, #text, p{  
    color:rgb(231, 200, 172)  
}
```

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(231, 200, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 200, 172) }
```

Border

The CSS property to change the border of an element to Yxy 61.2760, 0.3592, 0.3605 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(231, 200, 172) }
```

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

```
.border{ border-color:rgb(231, 200, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 200, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 200, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 200, 172); box-shadow:4px 4px 4px 4px rgb(231, 200, 172) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2760, 0.3592, 0.3605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 200, 172) }
```

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

```
.background{ background-color: rgb(231,  
200, 172) }
```

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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