

Converting Colors

Yxy(61.9988, 0.3609, 0.3756)

Have a look what the booklet for
Yxy(61.9988, 0.3609, 0.3756)
contains.

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Color

Yxy(61.9988, 0.3609, 0.3756)

Conversions

Conversions Part 1

Format	Color
Hex	E2CCA3
RGB	226, 204, 163
RGB Percent	89%, 80%, 64%
CMY	0.1137, 0.2000, 0.3606
CMYK	0.00, 0.10, 0.28, 0.11
HSL	39°, 52%, 76%
HSV	39°, 28%, 89%
XYZ	59.5723, 61.9988, 43.4949
YIQ	205.9040, 26.2730, -8.0870

Conversions

Conversions Part 2

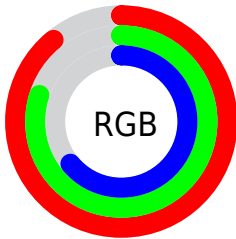
Format	Color
RYB	197, 226, 163
Decimal	14863523
CIELab	82.91, 1.55, 23.24
CIELCh	83, 23.295, 86.189
Yxy	61.9988, 0.3609, 0.3756
Android (android.graphics.Color)	4293053603 (0xFFE2CCA3)
YUV	205.9040, -21.1517, 17.6242
Hunter-Lab	78.7393, -2.7449, 22.3663

Details

The Yxy color **61.9988, 0.3609, 0.3756** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.9998, 0.2671, 0.2775**, and the grayscale version is **61.7859, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8420, 0.3345, 0.3651**, and **31.5064, 0.3730, 0.3872** is the 20% darker color. If you saturate the color by 10%, you get **57.6019, 0.3811, 0.3928**, and if you desaturate by 10%, it is **66.7366, 0.3421, 0.3584**.

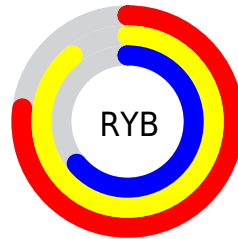
Distribution



Red (89%)

Green (80%)

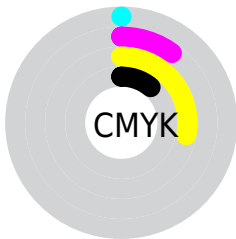
Blue (64%)



Red (77%)

Yellow (89%)

Blue (64%)

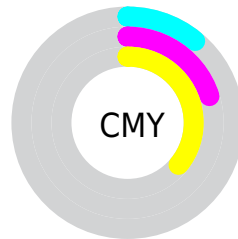


Cyan (0%)

Magenta (10%)

Yellow (28%)

Black (11%)



Cyan (11%)


Magenta (20%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.9988, 0.3609, 0.3756 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 61.9988, 0.3609, 0.3756 by changing the saturation by 10% instead.


 61.9988, 0.3609,
0.3756

 61.9988, 0.3609,
0.3756


431.9267, 0.3380,
0.3536

 45.0317, 0.3662,
0.3807


 107.7238, 0.3529,
0.3679

 31.4824, 0.3728,
0.3870


 137.2505, 0.3498,
0.3649

 20.9665, 0.3813,
0.3949


171.7326, 0.3471,
0.3624

 13.0995, 0.3923,
0.4053

211.5544, 0.3448,
0.3602

 7.4971, 0.4073,
0.4192

257.1003, 0.3428,
0.3582

 3.7749, 0.4283,
0.4384

308.7547, 0.3410,

 1.5484, 0.4966,

0.3565

0.5034

366.9021, 0.3394,
0.3550

0.3225, 0.5164,
0.4836

0.0000, 0.0000,
0.0000

61.9988, 0.3609,
0.3756

61.9988, 0.3609,
0.3756

57.6019, 0.3811,
0.3928

66.7366, 0.3421,
0.3584

53.5269, 0.4025,
0.4091

71.8167, 0.3250,
0.3416

49.7654, 0.4242,
0.4237

77.2513, 0.3096,
0.3257

46.3051, 0.4455,
0.4353

83.0493, 0.2958,
0.3107

■ 43.1324, 0.4652,
0.4428

■ 87.7887, 0.2950,
0.3173

■ 40.2317, 0.4823,
0.4454

■ 92.6318, 0.2952,
0.3253

■ 37.5825, 0.4961,
0.4429

■ 94.9101, 0.2952,
0.3289

■ 37.0427, 0.4989,
0.4421

Harmonies

Analogous

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



61.9988, 0.3716, 0.3573



61.9988, 0.3609, 0.3756



61.9988, 0.3373, 0.3818

Triad

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



61.9988, 0.3609, 0.3756



61.9988, 0.2624, 0.3210



61.9988, 0.3154, 0.2905

Complementary

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



61.9988, 0.3609, 0.3756



47.9998, 0.2671, 0.2775

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.



61.9988, 0.2867, 0.2808



61.9988, 0.3609, 0.3756



61.9988, 0.2571, 0.2968

Square

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



61.9988, 0.3609, 0.3756



61.9988, 0.2806, 0.3493



61.9988, 0.2658, 0.2827



61.9988, 0.3447, 0.3093

Rectangle

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



61.9988, 0.3609, 0.3756



61.9988, 0.3178, 0.3773



61.9988, 0.2658, 0.2827



61.9988, 0.3054, 0.2861

Sweetspot

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



62.0016, 0.3609, 0.3756



94.2900, 0.3253, 0.3419



45.8844, 0.3523, 0.3036



19.9593, 0.3278, 0.3444



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.



62.0016, 0.3609, 0.3756



78.3639, 0.3716, 0.3849



71.7280, 0.3475, 0.4001



15.1810, 0.3276, 0.3442



21.3615, 0.4973, 0.4433



1.6465, 0.4822, 0.4553

Inverse Universe

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



47.9998, 0.2671, 0.2775



57.2908, 0.2576, 0.2658



40.5252, 0.2714, 0.2502



14.0230, 0.2981, 0.3133



6.5233, 0.1647, 0.1128



0.6160, 0.1733, 0.1438

Previews

White Background



This preview shows how the Yxy color 61.9988, 0.3609, 0.3756 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 61.9988, 0.3609, 0.3756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

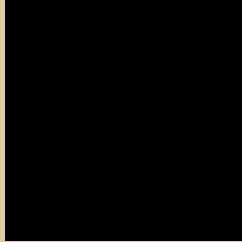
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.9988, 0.3609, 0.3756

Background



This preview shows how black text looks on a background with the Yxy color 61.9988, 0.3609, 0.3756.



This preview shows how white text looks on a background with the Yxy color 61.9988, 0.3609, 0.3756.

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

61.9988, 0.3609, 0.3756

Protanopia

62.0386, 0.3547, 0.3775

Deuteranopia

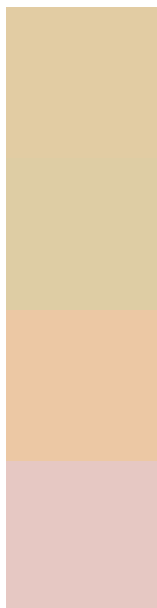
61.7693, 0.3746, 0.3662



Tritanopia

61.8924, 0.3286, 0.3116

Trichromacy



Original Color

61.9988, 0.3609, 0.3756

Protanomaly

61.8726, 0.3566, 0.3761

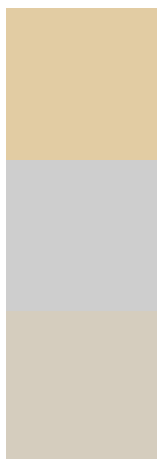
Deuteranomaly

61.8218, 0.3697, 0.3690

Tritanomaly

62.0717, 0.3404, 0.3346

Monochromacy



Original Color

61.9988, 0.3609, 0.3756

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.5265, 0.3298, 0.3464

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.9988, 0.3609, 0.3756 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(226, 204, 163)` looks like.

```
.text, #text, p{  
    color:rgb(226, 204, 163)  
}
```

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(226, 204, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 204, 163) }
```

Border

The CSS property to change the border of an element to Yxy 61.9988, 0.3609, 0.3756 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(226, 204, 163) }
```

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

```
.border{ border-color:rgb(226, 204, 163) }
```

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

Here you see how a box with a 4 pixel rgb(226, 204, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 204, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 204, 163);  
box-shadow:4px 4px 4px 4px rgb(226, 204,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 61.9988, 0.3609, 0.3756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 204, 163) }
```

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

```
.background{ background-color: rgb(226,  
204, 163) }
```

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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