

Converting Colors

Yxy(61.8793, 0.3552, 0.3658)

Have a look what the booklet for
Yxy(61.8793, 0.3552, 0.3658)
contains.

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Color

Yxy(61.8209, 0.3551, 0.3654)

Conversions

Conversions Part 1

Format	Color
Hex	E2CBAB
RGB	226, 203, 171
RGB Percent	89%, 80%, 67%
CMY	0.1136, 0.2039, 0.3295
CMYK	0.00, 0.10, 0.24, 0.11
HSL	35°, 49%, 78%
HSV	35°, 24%, 89%
XYZ	60.0783, 61.8209, 47.2877
YIQ	206.2290, 23.9800, -5.0760

Conversions

Conversions Part 2

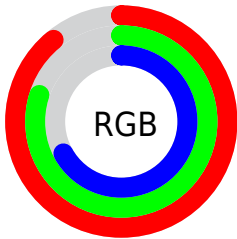
Format	Color
RYB	211, 226, 171
Decimal	14863275
CIELab	82.82, 3.16, 18.92
CIELCh	83, 19.181, 80.504
Yxy	61.8209, 0.3551, 0.3654
Android (android.graphics.Color)	4293053355 (0xFFE2CBAB)
YUV	206.2290, -17.3679, 17.3392
Hunter-Lab	78.6263, -1.2042, 19.3799

Details

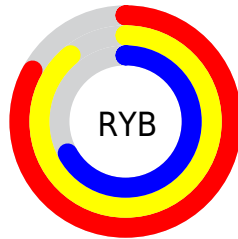
The Yxy color **61.8209, 0.3551, 0.3654** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.7475, 0.2736, 0.2897**, and the grayscale version is **61.9812, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2710, 0.3298, 0.3572**, and **31.3728, 0.3653, 0.3738** is the 20% darker color. If you saturate the color by 10%, you get **56.7008, 0.3759, 0.3810**, and if you desaturate by 10%, it is **67.3668, 0.3363, 0.3500**.

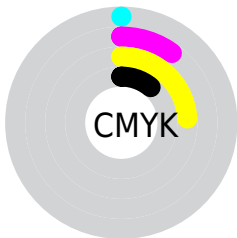
Distribution



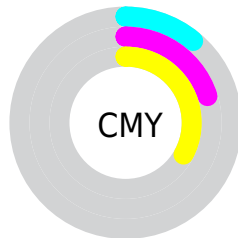
- Red (89%)
- Green (80%)
- Blue (67%)



- Red (83%)
- Yellow (89%)
- Blue (67%)



- Cyan (0%)
- Magenta (10%)
- Yellow (24%)
- Black (11%)





- Cyan (11%)
- Magenta (20%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.8209, 0.3551, 0.3654 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 61.8209, 0.3551, 0.3654 by changing the saturation by 10% instead.


 61.8209, 0.3551,
0.3654

 61.8209, 0.3551,
0.3654


431.2775, 0.3349,
0.3483

 44.8880, 0.3599,
0.3694

 107.4666, 0.3480,
0.3594

 31.3692, 0.3658,
0.3743

136.9483, 0.3452,
0.3571

 20.8802, 0.3734,
0.3805


171.3816, 0.3429,
0.3551

 13.0364, 0.3835,
0.3887

211.1510, 0.3409,
0.3534

 7.4536, 0.3974,
0.3998

256.6409, 0.3391,
0.3519

 3.7474, 0.4176,
0.4154

308.2357, 0.3375,

 1.5333, 0.4723,

0.3505

0.4608

366.3198, 0.3361,
0.3493

■ 0.3120, 0.5451,
0.4549

■ 0.0000, 0.0000,
0.0000

■ 61.8209, 0.3551,
0.3654

■ 61.8209, 0.3551,
0.3654

■ 56.7008, 0.3759,
0.3810

■ 67.3668, 0.3363,
0.3500

■ 51.9857, 0.3985,
0.3962

■ 73.3418, 0.3194,
0.3352

■ 47.6653, 0.4223,
0.4100

■ 79.7596, 0.3045,
0.3212

■ 43.7256, 0.4465,
0.4214

■ 86.2117, 0.2950,
0.3146

■ 40.1512, 0.4700,
0.4292

■ 91.9549, 0.2951,
0.3242

■ 36.9248, 0.4915,
0.4321

■ 94.9148, 0.2952,
0.3289

■ 34.0266, 0.5096,
0.4296

■ 32.5200, 0.5186,
0.4264

Harmonies

Analogous

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



61.8209, 0.3613, 0.3492



61.8209, 0.3551, 0.3654



61.8209, 0.3374, 0.3724

Triad

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



61.8209, 0.3551, 0.3654



61.8209, 0.2731, 0.3270



61.8209, 0.3104, 0.2947

Complementary

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



61.8209, 0.3551, 0.3654



52.7475, 0.2736, 0.2897

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.



61.8209, 0.2873, 0.2884



61.8209, 0.3551, 0.3654



61.8209, 0.2665, 0.3059

Square

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



61.8209, 0.3551, 0.3654



61.8209, 0.2901, 0.3498



61.8209, 0.2716, 0.2922



61.8209, 0.3349, 0.3093

Rectangle

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



61.8209, 0.3551, 0.3654



61.8209, 0.3218, 0.3701



61.8209, 0.2716, 0.2922



61.8209, 0.3022, 0.2916

Sweetspot

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



61.8237, 0.3551, 0.3654



94.2281, 0.3238, 0.3391



49.2294, 0.3419, 0.3018



20.0651, 0.3248, 0.3400



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.



61.8237, 0.3551, 0.3654



77.9335, 0.3649, 0.3730



72.9406, 0.3466, 0.3902



15.0177, 0.3277, 0.3426



18.7856, 0.5166, 0.4280



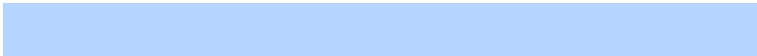
1.4779, 0.4976, 0.4431

Inverse Universe

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



52.7475, 0.2736, 0.2897



64.1395, 0.2654, 0.2806



43.6891, 0.2739, 0.2607



14.1814, 0.2981, 0.3150



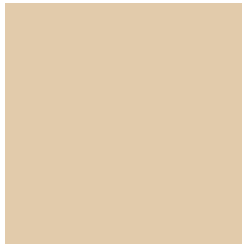
7.9839, 0.1701, 0.1324



0.7274, 0.1786, 0.1628

Previews

White Background



This preview shows how the Yxy color 61.8209, 0.3551, 0.3654 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 61.8209, 0.3551, 0.3654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

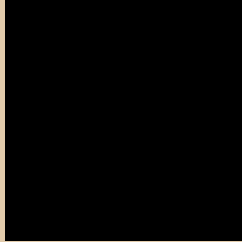
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.8209, 0.3551, 0.3654

Background



This preview shows how black text looks on a background with the Yxy color 61.8209, 0.3551, 0.3654.



This preview shows how white text looks on a background with the Yxy color 61.8209, 0.3551, 0.3654.

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

61.8209, 0.3551, 0.3654

Protanopia

62.0266, 0.3470, 0.3684

Deuteranopia

61.5439, 0.3656, 0.3577



Tritanopia

61.7255, 0.3278, 0.3116

Trichromacy



Original Color

61.8209, 0.3551, 0.3654

Protanomaly

62.0134, 0.3497, 0.3670

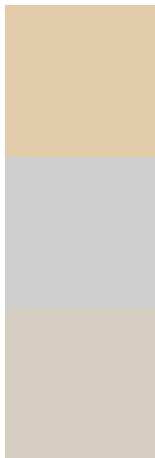
Deuteranomaly

61.7795, 0.3617, 0.3602

Tritanomaly

61.5821, 0.3374, 0.3302

Monochromacy



Original Color

61.8209, 0.3551, 0.3654

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.6590, 0.3276, 0.3429

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8209, 0.3551, 0.3654 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, 203, 171)` looks like.

```
.text, #text, p{  
    color:rgb(226, 203, 171)  
}
```

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, 203, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 203, 171) }
```

Border

The CSS property to change the border of an element to Yxy 61.8209, 0.3551, 0.3654 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, 203, 171) }
```

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

```
.border{ border-color:rgb(226, 203, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 203, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 203, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 203, 171);  
box-shadow:4px 4px 4px 4px rgb(226, 203,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 61.8209, 0.3551, 0.3654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 203, 171) }
```

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

```
.background{ background-color: rgb(226,  
203, 171) }
```

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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