

Converting Colors

Yxy(61.7929, 0.3541, 0.3639)

Have a look what the booklet for
Yxy(61.7929, 0.3541, 0.3639)
contains.

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Color

Yxy(61.8592, 0.3543, 0.3643)

Conversions

Conversions Part 1

Format	Color
Hex	E2CBAC
RGB	226, 203, 172
RGB Percent	89%, 80%, 67%
CMY	0.1138, 0.2039, 0.3256
CMYK	0.00, 0.10, 0.24, 0.11
HSL	34°, 48%, 78%
HSV	34°, 24%, 89%
XYZ	60.1612, 61.8592, 47.7825
YIQ	206.3430, 23.6590, -4.7650

Conversions

Conversions Part 2

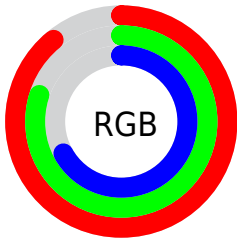
Format	Color
RYB	212, 226, 172
Decimal	14863276
CIELab	82.84, 3.27, 18.43
CIELCh	83, 18.715, 79.926
Yxy	61.8592, 0.3543, 0.3643
Android (android.graphics.Color)	4293053356 (0xFFE2CBAC)
YUV	206.3430, -16.9311, 17.2392
Hunter-Lab	78.6506, -1.1010, 19.0350

Details

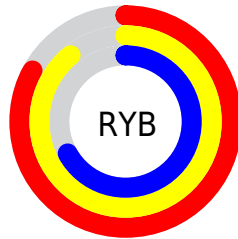
The Yxy color **61.8592, 0.3543, 0.3643** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.2634, 0.2744, 0.2909**, and the grayscale version is **62.0514, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3261, 0.3292, 0.3562**, and **31.3970, 0.3643, 0.3723** is the 20% darker color. If you saturate the color by 10%, you get **56.6658, 0.3751, 0.3798**, and if you desaturate by 10%, it is **67.4873, 0.3355, 0.3491**.

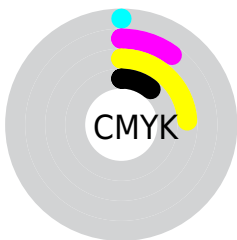
Distribution



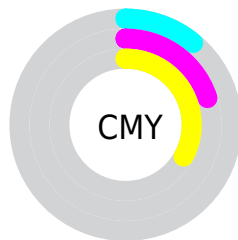
- Red (89%)
- Green (80%)
- Blue (67%)



- 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 61.8592, 0.3543, 0.3643 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 61.8592, 0.3543, 0.3643 by changing the saturation by 10% instead.


 61.8592, 0.3543,
0.3643

 61.8592, 0.3543,
0.3643

431.4173, 0.3345,
0.3477

 44.9189, 0.3590,
0.3681


 107.5220, 0.3473,
0.3585

 31.3936, 0.3648,
0.3729


137.0133, 0.3446,
0.3562

 20.8987, 0.3723,
0.3790

171.4572, 0.3423,
0.3543

 13.0500, 0.3822,
0.3869

211.2379, 0.3403,
0.3526

 7.4630, 0.3959,
0.3977

256.7398, 0.3386,
0.3512

 3.7533, 0.4159,
0.4129

308.3475, 0.3370,

 1.5365, 0.4679,

0.3499

0.4553

366.4452, 0.3357,
0.3487

0.3142, 0.5464,
0.4536

0.0000, 0.0000,
0.0000

61.8592, 0.3543,
0.3643

61.8592, 0.3543,
0.3643

56.6658, 0.3751,
0.3798

67.4873, 0.3355,
0.3491

51.8863, 0.3978,
0.3948

73.5537, 0.3187,
0.3345

47.5101, 0.4217,
0.4086

80.0724, 0.3039,
0.3207

43.5228, 0.4462,
0.4200

86.5707, 0.2950,
0.3152

■ 39.9091, 0.4701,
0.4278

■ 92.4269, 0.2951,
0.3250

■ 36.6514, 0.4920,
0.4308

■ 94.9069, 0.2952,
0.3289

■ 33.7297, 0.5106,
0.4284

■ 32.0970, 0.5206,
0.4249

Harmonies

Analogous

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



61.8592, 0.3601, 0.3484



61.8592, 0.3543, 0.3643



61.8592, 0.3372, 0.3712

Triad

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



61.8592, 0.3543, 0.3643



61.8592, 0.2743, 0.3275



61.8592, 0.3100, 0.2953

Complementary

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



61.8592, 0.3543, 0.3643



53.2634, 0.2744, 0.2909

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.



61.8592, 0.2876, 0.2894



61.8592, 0.3543, 0.3643



61.8592, 0.2676, 0.3068

Square

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



61.8592, 0.3543, 0.3643



61.8592, 0.2911, 0.3497



61.8592, 0.2723, 0.2932



61.8592, 0.3339, 0.3094

Rectangle

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



61.8592, 0.3543, 0.3643



61.8592, 0.3221, 0.3692



61.8592, 0.2723, 0.2932



61.8592, 0.3020, 0.2923

Sweetspot

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



61.8620, 0.3543, 0.3643



94.1544, 0.3238, 0.3390



49.6175, 0.3413, 0.3024



20.0480, 0.3248, 0.3399



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.



61.8620, 0.3543, 0.3643



77.6661, 0.3651, 0.3725



72.9549, 0.3460, 0.3891



15.0019, 0.3278, 0.3425



18.5534, 0.5185, 0.4265



1.4624, 0.4991, 0.4419

Inverse Universe

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



53.2634, 0.2744, 0.2909



64.3890, 0.2654, 0.2812



44.1638, 0.2747, 0.2621



14.1969, 0.2981, 0.3152



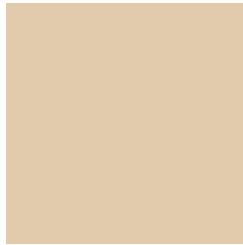
8.1428, 0.1707, 0.1345



0.7392, 0.1791, 0.1647

Previews

White Background



This preview shows how the Yxy color 61.8592, 0.3543, 0.3643 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 61.8592, 0.3543, 0.3643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

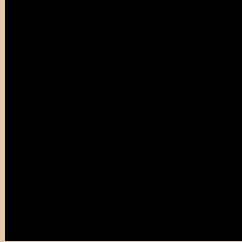
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.8592, 0.3543, 0.3643

Background



This preview shows how black text looks on a background with the Yxy color 61.8592, 0.3543, 0.3643.



This preview shows how white text looks on a background with the Yxy color 61.8592, 0.3543, 0.3643.

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

61.8592, 0.3543, 0.3643

Protanopia

61.9115, 0.3455, 0.3673

Deuteranopia

61.5824, 0.3648, 0.3566



Tritanopia

61.7255, 0.3278, 0.3116

Trichromacy



Original Color

61.8592, 0.3543, 0.3643

Protanomaly

61.8954, 0.3481, 0.3659

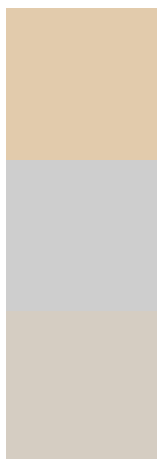
Deuteranomaly

61.8181, 0.3609, 0.3591

Tritanomaly

61.5821, 0.3374, 0.3302

Monochromacy



Original Color

61.8592, 0.3543, 0.3643

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.7038, 0.3268, 0.3418

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8592, 0.3543, 0.3643 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, 172)` looks like.

```
.text, #text, p{  
    color:rgb(226, 203, 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(226, 203, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 203, 172) }
```

Border

The CSS property to change the border of an element to Yxy 61.8592, 0.3543, 0.3643 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, 172) }
```

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

```
.border{ border-color:rgb(226, 203, 172) }
```

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, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 203, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 203, 172);  
box-shadow:4px 4px 4px 4px rgb(226, 203,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 61.8592, 0.3543, 0.3643 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, 172) }
```

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

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