

Converting Colors

Yxy(61.8604, 0.3565, 0.3679)

Have a look what the booklet for
Yxy(61.8604, 0.3565, 0.3679)
contains.

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Color

Yxy(61.7452, 0.3566, 0.3677)

Conversions

Conversions Part 1

Format	Color
Hex	E2CBA9
RGB	226, 203, 169
RGB Percent	89%, 80%, 66%
CMY	0.1137, 0.2039, 0.3373
CMYK	0.00, 0.10, 0.25, 0.11
HSL	36°, 50%, 77%
HSV	36°, 25%, 89%
XYZ	59.8813, 61.7452, 46.2963
YIQ	206.0010, 24.6220, -5.6980

Conversions

Conversions Part 2

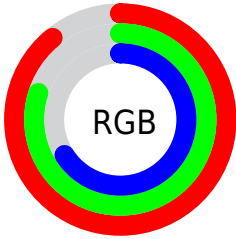
Format	Color
R _Y B	208, 226, 169
Decimal	14863273
CIE Lab	82.78, 2.87, 19.91
CIE LCh	83, 20.120, 81.803
Yxy	61.7452, 0.3566, 0.3677
Android (android.graphics.Color)	4293053353 (0xFFE2CBA9)
YUV	206.0010, -18.2415, 17.5391
Hunter-Lab	78.5781, -1.4839, 20.0725

Details

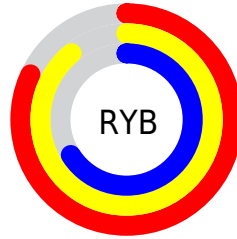
The Yxy color $61.7452, 0.3566, 0.3677$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $51.6222, 0.2720, 0.2870$, and the grayscale version is $61.8308, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.1618, 0.3310, 0.3592$, and $31.3253, 0.3673, 0.3768$ is the 20% darker color. If you saturate the color by 10%, you get $56.7907, 0.3773, 0.3837$, and if you desaturate by 10%, it is $67.1052, 0.3377, 0.3519$.

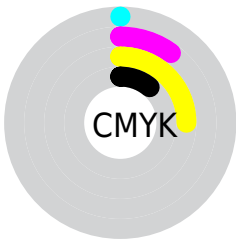
Distribution



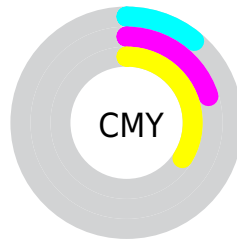
- Red (89%)
- Green (80%)
- Blue (66%)



- Red (82%)
- Yellow (89%)
- Blue (66%)



- Cyan (0%)
- Magenta (10%)
- Yellow (25%)
- Black (11%)




- Cyan (11%)
- Magenta (20%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.7452, 0.3566, 0.3677 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 61.7452, 0.3566, 0.3677 by changing the saturation by 10% instead.


 61.7452, 0.3566,
0.3677

 61.7452, 0.3566,
0.3677


431.0011, 0.3357,
0.3495

 44.8268, 0.3615,
0.3719

 107.3572, 0.3492,
0.3613

 31.3211, 0.3676,
0.3772


136.8196, 0.3464,
0.3589

 20.8435, 0.3755,
0.3838


171.2322, 0.3440,
0.3567

 13.0096, 0.3859,
0.3925

210.9793, 0.3419,
0.3549

 7.4352, 0.4001,
0.4042

256.4453, 0.3400,
0.3533

 3.7357, 0.4208,
0.4207

308.0147, 0.3384,

 1.5268, 0.4813,

0.3519

0.4728

366.0718, 0.3370,
0.3506

■ 0.3075, 0.5409,
0.4591

■ 0.0000, 0.0000,
0.0000

■ 61.7452, 0.3566,
0.3677

■ 61.7452, 0.3566,
0.3677

■ 56.7907, 0.3773,
0.3837

■ 67.1052, 0.3377,
0.3519

■ 52.2216, 0.3997,
0.3991

■ 72.8737, 0.3208,
0.3366

■ 48.0279, 0.4231,
0.4131

■ 79.0639, 0.3057,
0.3222

■ 44.1960, 0.4467,
0.4246

■ 85.3996, 0.2949,
0.3132

■ 40.7110, 0.4693,
0.4322

■ 90.8874, 0.2951,
0.3225

■ 37.5562, 0.4898,
0.4350

■ 94.9089, 0.2952,
0.3289

■ 34.7120, 0.5069,
0.4325

■ 33.4498, 0.5142,
0.4299

Harmonies

Analogous

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



61.7452, 0.3637, 0.3510



61.7452, 0.3566, 0.3677



61.7452, 0.3376, 0.3746

Triad

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



61.7452, 0.3566, 0.3677



61.7452, 0.2707, 0.3258



61.7452, 0.3113, 0.2936

Complementary

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



61.7452, 0.3566, 0.3677



51.6222, 0.2720, 0.2870

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.



61.7452, 0.2870, 0.2866



61.7452, 0.3566, 0.3677



61.7452, 0.2642, 0.3039

Square

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



61.7452, 0.3566, 0.3677



61.7452, 0.2881, 0.3499



61.7452, 0.2701, 0.2900



61.7452, 0.3370, 0.3091

Rectangle

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



61.7452, 0.3566, 0.3677



61.7452, 0.3211, 0.3719



61.7452, 0.2701, 0.2900



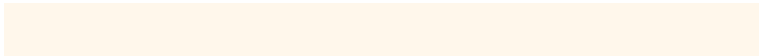
61.7452, 0.3027, 0.2902

Sweetspot

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



61.7480, 0.3566, 0.3677



93.6163, 0.3254, 0.3409



48.3832, 0.3441, 0.3019



19.7894, 0.3279, 0.3432



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.



61.7480, 0.3566, 0.3677



77.8809, 0.3667, 0.3757



72.6692, 0.3471, 0.3926



15.0535, 0.3277, 0.3430



19.3215, 0.5123, 0.4314



1.5135, 0.4941, 0.4459

Inverse Universe

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



51.6222, 0.2720, 0.2870



62.5222, 0.2635, 0.2773



42.8361, 0.2730, 0.2581



14.1464, 0.2981, 0.3146



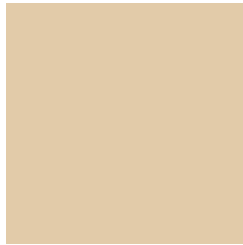
7.6364, 0.1689, 0.1279



0.7015, 0.1774, 0.1585

Previews

White Background



This preview shows how the Yxy color 61.7452, 0.3566, 0.3677 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 61.7452, 0.3566, 0.3677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

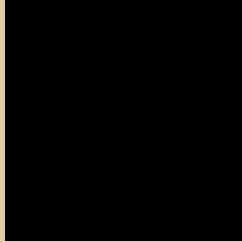
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

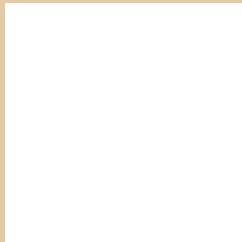
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.7452, 0.3566, 0.3677

Background



This preview shows how black text looks on a background with the Yxy color 61.7452, 0.3566, 0.3677.



This preview shows how white text looks on a background with the Yxy color 61.7452, 0.3566, 0.3677.

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

61.7452, 0.3566, 0.3677

Protanopia

61.9503, 0.3485, 0.3707

Deuteranopia

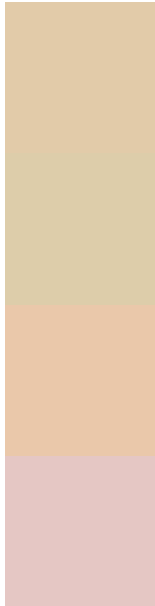
61.6412, 0.3681, 0.3599



Tritanopia

61.6749, 0.3285, 0.3127

Trichromacy



Original Color

61.7452, 0.3566, 0.3677

Protanomaly

61.9371, 0.3512, 0.3693

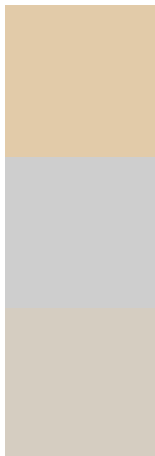
Deuteranomaly

61.7033, 0.3633, 0.3625

Tritanomaly

61.4904, 0.3390, 0.3324

Monochromacy



Original Color

61.7452, 0.3566, 0.3677

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 61.7452, 0.3566, 0.3677 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, 169)` looks like.

```
.text, #text, p{  
    color:rgb(226, 203, 169)  
}
```

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, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 203, 169) }
```

Border

The CSS property to change the border of an element to Yxy 61.7452, 0.3566, 0.3677 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, 169) }
```

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

```
.border{ border-color:rgb(226, 203, 169) }
```

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, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 203, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 203, 169); box-shadow:4px 4px 4px 4px rgb(226, 203, 169) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7452, 0.3566, 0.3677 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, 169) }
```

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

```
.background{ background-color: rgb(226,  
203, 169) }
```

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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