

Converting Colors

Yxy(68.5744, 0.3562, 0.3688)

Have a look what the booklet for
Yxy(68.5744, 0.3562, 0.3688)
contains.

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Color

Yxy(68.5957, 0.3561, 0.3683)

Conversions

Conversions Part 1

Format	Color
Hex	ECD5B1
RGB	236, 213, 177
RGB Percent	93%, 84%, 69%
CMY	0.0745, 0.1647, 0.3059
CMYK	0.00, 0.10, 0.25, 0.07
HSL	37°, 61%, 81%
HSV	37°, 25%, 93%
XYZ	66.3235, 68.5957, 51.3304
YIQ	215.7730, 25.2640, -6.3200

Conversions

Conversions Part 2

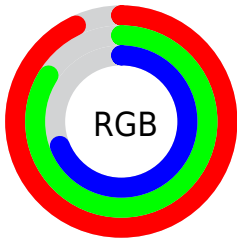
Format	Color
R_{YB}	215, 236, 177
Decimal	15521201
CIE Lab	86.30, 2.52, 20.73
CIE LCh	86, 20.881, 83.062
Yxy	68.5957, 0.3561, 0.3683
Android (android.graphics.Color)	4293711281 (0xFFECD5B1)
YUV	215.7730, -19.1151, 17.7391
Hunter-Lab	82.8225, -1.9984, 21.2300

Details

The Yxy color **68.5957, 0.3561, 0.3683** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **56.7069, 0.2722, 0.2863**, and the grayscale version is **68.6283, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6632, 0.3256, 0.3503**, and **35.6123, 0.3674, 0.3772** is the 20% darker color. If you saturate the color by 10%, you get **63.2401, 0.3766, 0.3846**, and if you desaturate by 10%, it is **74.3828, 0.3373, 0.3521**.

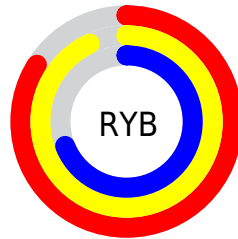
Distribution



Red (93%)

Green (84%)

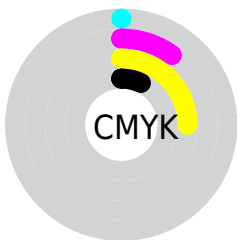
Blue (69%)



Red (84%)

Yellow (93%)

Blue (69%)

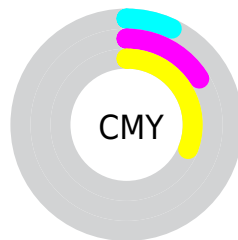


Cyan (0%)

Magenta (10%)

Yellow (25%)

Black (7%)



Cyan (7%)


Magenta (16%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.5957, 0.3561, 0.3683 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 68.5957, 0.3561, 0.3683 by changing the saturation by 10% instead.


 68.5957, 0.3561,
0.3683

 68.5957, 0.3561,
0.3683


455.6037, 0.3358,
0.3501

 50.3825, 0.3608,
0.3724


 117.2039, 0.3490,
0.3620

 35.7174, 0.3665,
0.3775


148.3678, 0.3463,
0.3595

 24.2160, 0.3738,
0.3839


184.6173, 0.3439,
0.3574

 15.4940, 0.3834,
0.3922

226.3369, 0.3419,
0.3556

 9.1668, 0.3962,
0.4032

273.9109, 0.3401,
0.3540

 4.8501, 0.4145,
0.4184

327.7238, 0.3385,

 2.1596, 0.4474,

0.3525

0.4460

388.1599, 0.3371,
0.3513

0.6978, 0.5095,
0.4905

0.0000, 0.0000,
0.0000

68.5957, 0.3561,
0.3683

68.5957, 0.3561,
0.3683

63.2401, 0.3766,
0.3846

74.3828, 0.3373,
0.3521

58.2941, 0.3987,
0.4005

80.6040, 0.3205,
0.3365

53.7470, 0.4217,
0.4148

87.2739, 0.3054,
0.3218

49.5845, 0.4448,
0.4266

93.3024, 0.3012,
0.3238

■ 45.7903, 0.4669,
0.4345

■ 96.5748, 0.3011,
0.3290

■ 42.3465, 0.4868,
0.4377

■ 39.2319, 0.5033,
0.4354

■ 37.7868, 0.5105,
0.4328

Harmonies

Analogous

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



68.5957, 0.3638, 0.3519



68.5957, 0.3561, 0.3683



68.5957, 0.3367, 0.3747

Triad

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



68.5957, 0.3561, 0.3683



68.5957, 0.2701, 0.3248



68.5957, 0.3124, 0.2941

Complementary

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



68.5957, 0.3561, 0.3683



56.7069, 0.2722, 0.2863

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.



68.5957, 0.2879, 0.2866



68.5957, 0.3561, 0.3683



68.5957, 0.2641, 0.3031

Square

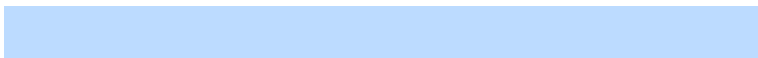
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.5957, 0.3561, 0.3683



68.5957, 0.2871, 0.3490



68.5957, 0.2705, 0.2895



68.5957, 0.3380, 0.3099

Rectangle

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



68.5957, 0.3561, 0.3683



68.5957, 0.3200, 0.3716



68.5957, 0.2705, 0.2895



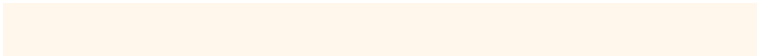
68.5957, 0.3038, 0.2905

Sweetspot

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



68.5988, 0.3561, 0.3683



93.7862, 0.3254, 0.3411



53.4708, 0.3447, 0.3031



19.8322, 0.3279, 0.3435



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.



68.5988, 0.3561, 0.3683



78.4431, 0.3664, 0.3767



80.0122, 0.3462, 0.3924



16.5840, 0.3278, 0.3434



21.0855, 0.5087, 0.4343



1.8417, 0.4930, 0.4468

Inverse Universe

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



56.7069, 0.2722, 0.2863



62.0114, 0.2634, 0.2761



47.5482, 0.2740, 0.2587



15.5119, 0.2980, 0.3142



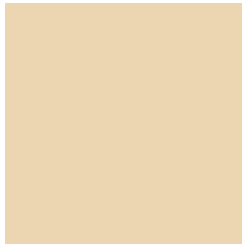
7.7903, 0.1677, 0.1236



0.7938, 0.1753, 0.1511

Previews

White Background



This preview shows how the Yxy color 68.5957, 0.3561, 0.3683 looks on a white background.

Color Contrast Check

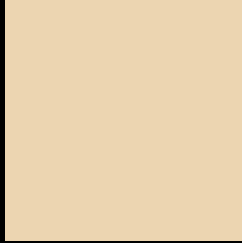
Large Text (above 18pt) WCAG AA × Fail

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 68.5957, 0.3561, 0.3683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

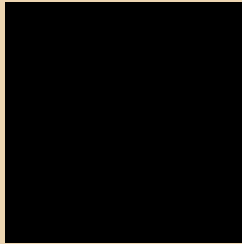
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.5957, 0.3561, 0.3683

Background



This preview shows how black text looks on a background with the Yxy color 68.5957, 0.3561, 0.3683.



This preview shows how white text looks on a background with the Yxy color 68.5957, 0.3561, 0.3683.

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

68.5957, 0.3561, 0.3683

Protanopia

68.8201, 0.3484, 0.3712

Deuteranopia

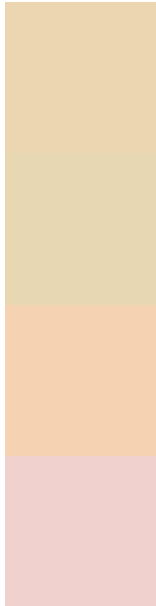
68.6501, 0.3678, 0.3607



Tritanopia

68.8306, 0.3279, 0.3123

Trichromacy



Original Color

68.5957, 0.3561, 0.3683

Protanomaly

68.8042, 0.3509, 0.3698

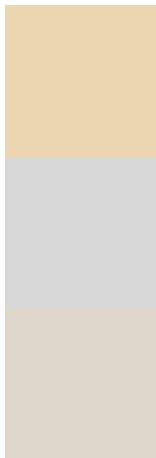
Deuteranomaly

68.7200, 0.3633, 0.3632

Tritanomaly

68.5824, 0.3385, 0.3323

Monochromacy



Original Color

68.5957, 0.3561, 0.3683

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.5531, 0.3276, 0.3434

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.5957, 0.3561, 0.3683 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(236, 213, 177)` looks like.

```
.text, #text, p{  
    color:rgb(236, 213, 177)  
}
```

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(236, 213, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 213, 177) }
```

Border

The CSS property to change the border of an element to Yxy 68.5957, 0.3561, 0.3683 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(236, 213, 177) }
```

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

```
.border{ border-color:rgb(236, 213, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 213, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 213, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 213, 177); box-shadow:4px 4px 4px 4px rgb(236, 213, 177) }
```


Background

The CSS property to change the background color of an element to Yxy 68.5957, 0.3561, 0.3683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 213, 177) }
```

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

```
.background{ background-color: rgb(236,  
213, 177) }
```

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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