

Converting Colors

$Yxy(67.4562, 0.3503, 0.3672)$

Have a look what the booklet for
Yxy(67.4562, 0.3503, 0.3672)
contains.

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Color

Yxy(67.6258, 0.3506, 0.3678)

Conversions

Conversions Part 1

Format	Color
Hex	E6D5B2
RGB	230, 213, 178
RGB Percent	90%, 84%, 70%
CMY	0.0980, 0.1647, 0.3019
CMYK	0.00, 0.07, 0.23, 0.10
HSL	40°, 51%, 80%
HSV	40°, 23%, 90%
XYZ	64.4633, 67.6258, 51.7766
YIQ	214.0930, 21.3670, -7.2810

Conversions

Conversions Part 2

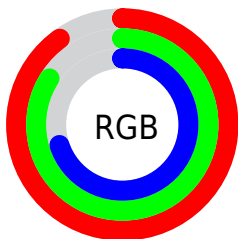
Format	Color
R _Y B	203, 230, 178
Decimal	15127986
CIE Lab	85.82, 0.43, 19.44
CIE LCh	86, 19.448, 88.747
Yxy	67.6258, 0.3506, 0.3678
Android (android.graphics.Color)	4293318066 (0xFFE6D5B2)
YUV	214.0930, -17.7938, 13.9504
Hunter-Lab	82.2349, -3.9863, 20.2344

Details

The Yxy color **67.6258, 0.3506, 0.3678** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.2084, 0.2761, 0.2869**, and the grayscale version is **67.4241, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7205, 0.3250, 0.3493**, and **34.9331, 0.3601, 0.3768** is the 20% darker color. If you saturate the color by 10%, you get **63.0863, 0.3698, 0.3856**, and if you desaturate by 10%, it is **72.5016, 0.3328, 0.3502**.

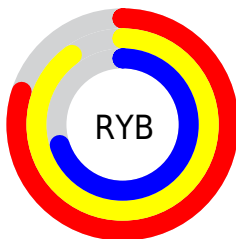
Distribution



Red (90%)

Green (84%)

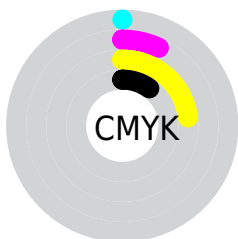
Blue (70%)



Red (80%)

Yellow (90%)

Blue (70%)

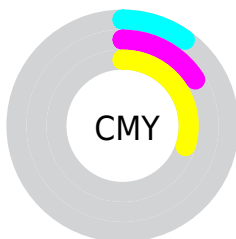


Cyan (0%)

Magenta (7%)

Yellow (23%)

Black (10%)



Cyan (10%)


Magenta (16%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.6258, 0.3506, 0.3678 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 67.6258, 0.3506, 0.3678 by changing the saturation by 10% instead.

 67.6258, 0.3506,
0.3678

 67.6258, 0.3506,
0.3678


452.1691, 0.3329,
0.3497

 49.5934, 0.3547,
0.3720


 115.8167, 0.3444,
0.3615

 35.0904, 0.3597,
0.3771


146.7439, 0.3420,
0.3590

 23.7325, 0.3661,
0.3836


182.7381, 0.3400,
0.3569

 15.1353, 0.3745,
0.3921

224.1839, 0.3382,
0.3551

 8.9144, 0.3859,
0.4037

271.4654, 0.3366,
0.3535

 4.6854, 0.4020,
0.4199

324.9672, 0.3352,

 2.0639, 0.4312,

0.3521

0.4495

385.0736, 0.3340,
0.3508

0.6442, 0.4915,
0.5085

0.0000, 0.0000,
0.0000

67.6258, 0.3506,
0.3678

67.6258, 0.3506,
0.3678

63.0863, 0.3698,
0.3856

72.5016, 0.3328,
0.3502

58.8639, 0.3902,
0.4031

77.7140, 0.3167,
0.3333

54.9509, 0.4112,
0.4192

83.2752, 0.3021,
0.3173

51.3356, 0.4320,
0.4329

88.1891, 0.2975,
0.3170

■ 48.0052, 0.4518,
0.4431

■ 92.7829, 0.2975,
0.3246

■ 44.9451, 0.4693,
0.4488

■ 95.5630, 0.2976,
0.3290

■ 42.1385, 0.4838,
0.4493

■ 40.2079, 0.4927,
0.4470

Harmonies

Analogous

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



67.6258, 0.3601, 0.3539



67.6258, 0.3506, 0.3678



67.6258, 0.3309, 0.3714

Triad

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



67.6258, 0.3506, 0.3678



67.6258, 0.2708, 0.3209



67.6258, 0.3172, 0.2985

Complementary

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



67.6258, 0.3506, 0.3678



54.2084, 0.2761, 0.2869

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.



67.6258, 0.2935, 0.2898



67.6258, 0.3506, 0.3678



67.6258, 0.2674, 0.3017

Square

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



67.6258, 0.3506, 0.3678



67.6258, 0.2850, 0.3436



67.6258, 0.2755, 0.2907



67.6258, 0.3405, 0.3145

Rectangle

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



67.6258, 0.3506, 0.3678



67.6258, 0.3150, 0.3669



67.6258, 0.2755, 0.2907



67.6258, 0.3090, 0.2946

Sweetspot

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



67.6288, 0.3506, 0.3678



95.2372, 0.3236, 0.3407



52.6210, 0.3438, 0.3096



20.2989, 0.3246, 0.3417



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.



67.6288, 0.3506, 0.3678



82.8050, 0.3592, 0.3759



75.2327, 0.3404, 0.3865



15.9815, 0.3276, 0.3448



22.9954, 0.4913, 0.4481



1.8669, 0.4782, 0.4585

Inverse Universe

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



54.2084, 0.2761, 0.2869



63.1088, 0.2681, 0.2771



48.0792, 0.2809, 0.2669



14.6526, 0.2981, 0.3127



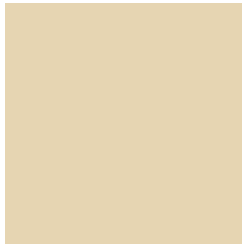
6.2951, 0.1630, 0.1067



0.6297, 0.1711, 0.1359

Previews

White Background



This preview shows how the Yxy color 67.6258, 0.3506, 0.3678 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 67.6258, 0.3506, 0.3678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

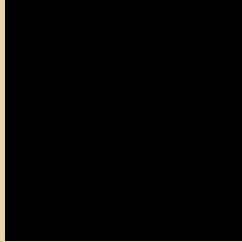
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

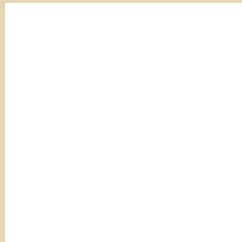
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.6258, 0.3506, 0.3678

Background



This preview shows how black text looks on a background with the Yxy color 67.6258, 0.3506, 0.3678.

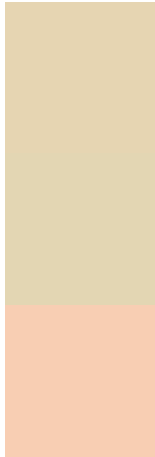


This preview shows how white text looks on a background with the Yxy color 67.6258, 0.3506, 0.3678.

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

67.6258, 0.3506, 0.3678

Protanopia

67.6787, 0.3473, 0.3680

Deuteranopia

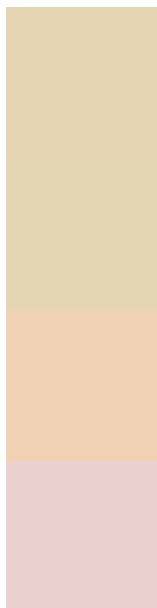
67.3537, 0.3660, 0.3577



Tritanopia

67.7862, 0.3233, 0.3121

Trichromacy



Original Color

67.6258, 0.3506, 0.3678

Protanomaly

67.8418, 0.3481, 0.3679

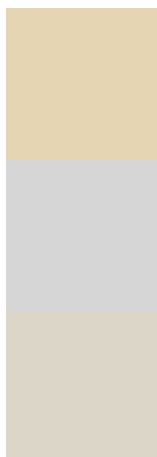
Deuteranomaly

67.5564, 0.3596, 0.3614

Tritanomaly

67.5983, 0.3332, 0.3312

Monochromacy



Original Color

67.6258, 0.3506, 0.3678

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.5258, 0.3262, 0.3436

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.6258, 0.3506, 0.3678 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(230, 213, 178)` looks like.

```
.text, #text, p{  
    color:rgb(230, 213, 178)  
}
```

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(230, 213, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 213, 178) }
```

Border

The CSS property to change the border of an element to Yxy 67.6258, 0.3506, 0.3678 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(230, 213, 178) }
```

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

```
.border{ border-color:rgb(230, 213, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 213, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 213, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 213, 178);  
box-shadow:4px 4px 4px 4px rgb(230, 213,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 67.6258, 0.3506, 0.3678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 213, 178) }
```

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

```
.background{ background-color: rgb(230,  
213, 178) }
```

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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