

Converting Colors

Yxy(67.8501, 0.3384, 0.3477)

Have a look what the booklet for
Yxy(67.8501, 0.3384, 0.3477)
contains.

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Color

Yxy(67.8501, 0.3384, 0.3477)

Conversions

Conversions Part 1

Format	Color
Hex	E6D4C3
RGB	230, 212, 195
RGB Percent	90%, 83%, 76%
CMY	0.0979, 0.1686, 0.2352
CMYK	0.00, 0.08, 0.15, 0.10
HSL	29°, 41%, 83%
HSV	29°, 15%, 90%
XYZ	66.0353, 67.8501, 61.2544
YIQ	215.4440, 16.1850, -1.4710

Conversions

Conversions Part 2

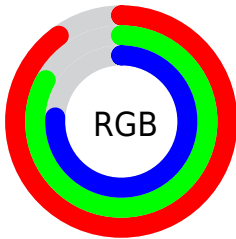
Format	Color
R _Y B	230, 228, 195
Decimal	15127747
CIE Lab	85.93, 3.48, 10.64
CIE LCh	86, 11.196, 71.876
Yxy	67.8501, 0.3384, 0.3477
Android (android.graphics.Color)	4293317827 (0xFFE6D4C3)
YUV	215.4440, -10.0789, 12.7656
Hunter-Lab	82.3712, -1.0497, 13.5695

Details

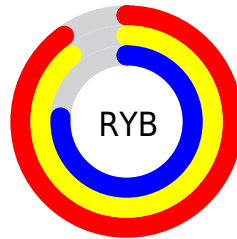
The Yxy color **67.8501, 0.3384, 0.3477** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.9338, 0.2889, 0.3096**, and the grayscale version is **68.3378, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **35.0357, 0.3449, 0.3521** is the 20% darker color. If you saturate the color by 10%, you get **61.1831, 0.3584, 0.3607**, and if you desaturate by 10%, it is **75.1182, 0.3209, 0.3352**.

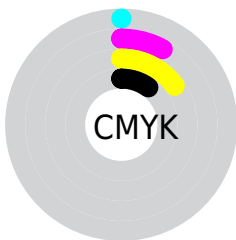
Distribution



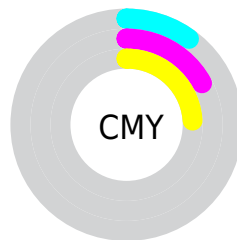
- Red (90%)
- Green (83%)
- Blue (76%)



- Red (90%)
- Yellow (89%)
- Blue (76%)



- Cyan (0%)
- Magenta (8%)
- Yellow (15%)
- Black (10%)



- Cyan (10%)
- Magenta (17%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.8501, 0.3384, 0.3477 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 67.8501, 0.3384, 0.3477 by changing the saturation by 10% instead.

67.8501, 0.3384,
0.3477

67.8501, 0.3384,
0.3477

452.9647, 0.3263,
0.3390

49.7758, 0.3412,
0.3497

116.1377, 0.3342,
0.3447

35.2353, 0.3447,
0.3521

147.1197, 0.3325,
0.3435

23.8442, 0.3492,
0.3553

183.1732, 0.3311,
0.3425

15.2181, 0.3551,
0.3593

224.6824, 0.3299,
0.3416

8.9726, 0.3633,
0.3649

272.0317, 0.3288,
0.3409

4.7233, 0.3753,
0.3729

325.6056, 0.3279,

2.0858, 0.3946,

0.3402

385.7885, 0.3271,
0.3396

0.3852

0.6566, 0.5192,
0.4808

0.0000, 0.0000,
0.0000

67.8501, 0.3384,
0.3477

67.8501, 0.3384,
0.3477

61.1831, 0.3584,
0.3607

75.1182, 0.3209,
0.3352

55.0916, 0.3809,
0.3740

82.9941, 0.3057,
0.3235

49.5612, 0.4060,
0.3867

90.9010, 0.2975,
0.3215

44.5732, 0.4331,
0.3982

95.5680, 0.2976,
0.3290

■ 40.1080, 0.4614,
0.4072

■ 36.1441, 0.4895,
0.4125

■ 32.6578, 0.5156,
0.4128

■ 29.6222, 0.5378,
0.4075

■ 28.3154, 0.5473,
0.4037

Harmonies

Analogous

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



67.8501, 0.3396, 0.3377



67.8501, 0.3384, 0.3477



67.8501, 0.3302, 0.3530

Triad

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



67.8501, 0.3384, 0.3477



67.8501, 0.2924, 0.3319



67.8501, 0.3075, 0.3076

Complementary

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



67.8501, 0.3384, 0.3477



64.9338, 0.2889, 0.3096

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.



67.8501, 0.2952, 0.3057



67.8501, 0.3384, 0.3477



67.8501, 0.2866, 0.3194

Square

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



67.8501, 0.3384, 0.3477



67.8501, 0.3036, 0.3438



67.8501, 0.2876, 0.3099



67.8501, 0.3215, 0.3149

Rectangle

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



67.8501, 0.3384, 0.3477



67.8501, 0.3220, 0.3528



67.8501, 0.2876, 0.3099



67.8501, 0.3031, 0.3063

Sweetspot

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



67.8531, 0.3384, 0.3477



95.0869, 0.3206, 0.3350



60.6750, 0.3271, 0.3092



20.2081, 0.3218, 0.3358



0.0000, 0.0000, 0.0000



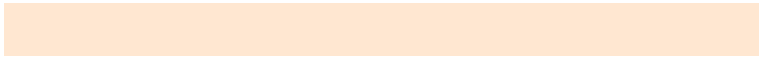
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.8531, 0.3384, 0.3477



83.2202, 0.3439, 0.3514



77.0551, 0.3356, 0.3661



15.5157, 0.3280, 0.3404



16.2687, 0.5448, 0.4057



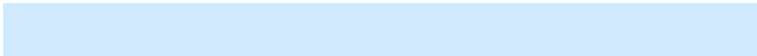
1.3876, 0.5216, 0.4240

Inverse Universe

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



64.9338, 0.2889, 0.3096



78.9224, 0.2843, 0.3055



56.6187, 0.2881, 0.2890



15.1089, 0.2981, 0.3173



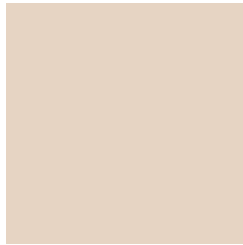
10.8793, 0.1787, 0.1632



0.9898, 0.1859, 0.1891

Previews

White Background



This preview shows how the Yxy color 67.8501, 0.3384, 0.3477 looks on a white background.

Color Contrast Check

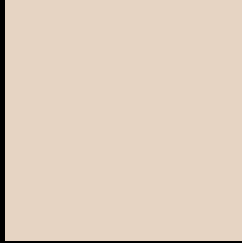
Large Text (above 18pt) WCAG AA × Fail

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 67.8501, 0.3384, 0.3477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

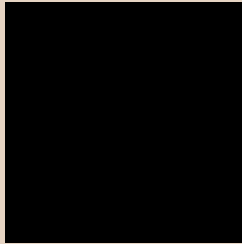
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.8501, 0.3384, 0.3477

Background



This preview shows how black text looks on a background with the Yxy color 67.8501, 0.3384, 0.3477.



This preview shows how white text looks on a background with the Yxy color 67.8501, 0.3384, 0.3477.

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

67.8501, 0.3384, 0.3477

Protanopia

67.7666, 0.3320, 0.3491

Deuteranopia

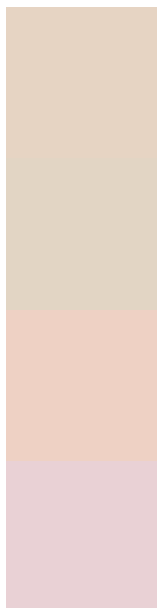
67.6659, 0.3487, 0.3408



Tritanopia

67.9860, 0.3210, 0.3120

Trichromacy



Original Color

67.8501, 0.3384, 0.3477

Protanomaly

67.7428, 0.3344, 0.3479

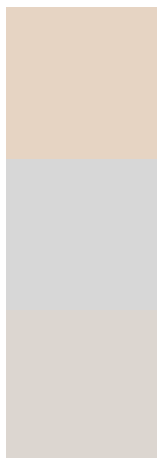
Deuteranomaly

67.7636, 0.3444, 0.3431

Tritanomaly

67.7287, 0.3280, 0.3247

Monochromacy



Original Color

67.8501, 0.3384, 0.3477

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.8628, 0.3213, 0.3357

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.8501, 0.3384, 0.3477 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, 212, 195)` looks like.

```
.text, #text, p{  
    color:rgb(230, 212, 195)  
}
```

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, 212, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 212, 195) }
```

Border

The CSS property to change the border of an element to Yxy 67.8501, 0.3384, 0.3477 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, 212, 195) }
```

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

```
.border{ border-color:rgb(230, 212, 195) }
```

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

Here you see how a box with a 4 pixel rgb(230, 212, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 212, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 212, 195);  
box-shadow:4px 4px 4px 4px rgb(230, 212,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 67.8501, 0.3384, 0.3477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 212, 195) }
```

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

```
.background{ background-color: rgb(230,  
212, 195) }
```

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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