

Converting Colors

Yxy(66.4651, 0.3367, 0.3580)

Have a look what the booklet for
Yxy(66.4651, 0.3367, 0.3580)
contains.

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Color

Yxy(66.5485, 0.3370, 0.3584)

Conversions

Conversions Part 1

Format	Color
Hex	DDD5BB
RGB	221, 213, 187
RGB Percent	87%, 84%, 73%
CMY	0.1335, 0.1646, 0.2667
CMYK	0.00, 0.04, 0.15, 0.13
HSL	46°, 33%, 80%
HSV	46°, 15%, 87%
XYZ	62.5749, 66.5485, 56.5588
YIQ	212.4280, 13.1140, -6.3900

Conversions

Conversions Part 2

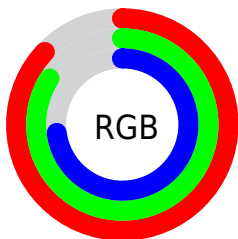
Format	Color
RYB	197, 221, 187
Decimal	14538171
CIELab	85.28, -1.56, 13.84
CIELCh	85, 13.929, 96.447
Yxy	66.5485, 0.3370, 0.3584
Android (android.graphics.Color)	4292728251 (0xFFDDD5BB)
YUV	212.4280, -12.5360, 7.5176
Hunter-Lab	81.5773, -5.8395, 15.9974

Details

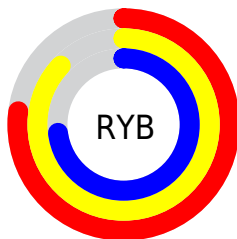
The Yxy color **66.5485, 0.3370, 0.3584** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.7910, 0.2883, 0.2978**, and the grayscale version is **66.2153, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2511, 0.3197, 0.3405**, and **34.2819, 0.3431, 0.3647** is the 20% darker color. If you saturate the color by 10%, you get **63.1157, 0.3543, 0.3783**, and if you desaturate by 10%, it is **70.2159, 0.3209, 0.3390**.

Distribution



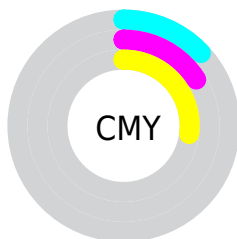
- Red (87%)
- Green (84%)
- Blue (73%)



- Red (77%)
- Yellow (87%)
- Blue (73%)



- Cyan (0%)
- Magenta (4%)
- Yellow (15%)
- Black (13%)



- Cyan (13%)
- Magenta (16%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.5485, 0.3370, 0.3584 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 66.5485, 0.3370, 0.3584 by changing the saturation by 10% instead.

 66.5485, 0.3370,
0.3584

 66.5485, 0.3370,
0.3584


448.3360, 0.3256,
0.3445

 48.7178, 0.3396,
0.3616


 114.2732, 0.3330,
0.3535

 34.3957, 0.3429,
0.3657


144.9360, 0.3315,
0.3517

 23.1977, 0.3471,
0.3708


180.6450, 0.3302,
0.3501

 14.7396, 0.3526,
0.3776

221.7845, 0.3290,
0.3487

 8.6368, 0.3601,
0.3870

268.7390, 0.3280,
0.3474

 4.5051, 0.3710,
0.4009

321.8928, 0.3271,

 1.9599, 0.3883,

0.3464

0.4231

381.6303, 0.3263,
0.3454

■ 0.5840, 0.4695,
0.5305

■ 0.0000, 0.0000,
0.0000

■ 66.5485, 0.3370,
0.3584

■ 66.5485, 0.3370,
0.3584

■ 63.1157, 0.3543,
0.3783

■ 70.2159, 0.3209,
0.3390

■ 59.9011, 0.3724,
0.3981

■ 74.1159, 0.3060,
0.3206

■ 56.8998, 0.3910,
0.4172

■ 78.2580, 0.2925,
0.3033

■ 54.1033, 0.4092,
0.4345

■ 81.2653, 0.2917,
0.3070

■ 51.5021, 0.4265,
0.4489

■ 84.2488, 0.2918,
0.3124

■ 49.0857, 0.4419,
0.4595

■ 87.3189, 0.2920,
0.3178

■ 46.8421, 0.4548,
0.4655

■ 90.4764, 0.2921,
0.3231

■ 44.7565, 0.4646,
0.4668

■ 93.7219, 0.2923,
0.3283

■ 43.8337, 0.4685,
0.4662

■ 94.1071, 0.2923,
0.3289

Harmonies

Analogous

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



66.5485, 0.3459, 0.3503



66.5485, 0.3370, 0.3584



66.5485, 0.3217, 0.3584

Triad

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



66.5485, 0.3370, 0.3584



66.5485, 0.2809, 0.3195



66.5485, 0.3206, 0.3093

Complementary

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



66.5485, 0.3370, 0.3584



54.7910, 0.2883, 0.2978

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.



66.5485, 0.3031, 0.3014



66.5485, 0.3370, 0.3584



66.5485, 0.2805, 0.3067

Square

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



66.5485, 0.3370, 0.3584



66.5485, 0.2894, 0.3354



66.5485, 0.2885, 0.3003



66.5485, 0.3363, 0.3222

Rectangle

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



66.5485, 0.3370, 0.3584



66.5485, 0.3100, 0.3536



66.5485, 0.2885, 0.3003



66.5485, 0.3147, 0.3060

Sweetspot

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



66.5514, 0.3370, 0.3584



97.3164, 0.3203, 0.3384



54.8693, 0.3345, 0.3193



20.7504, 0.3214, 0.3398



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.



66.5514, 0.3370, 0.3584



90.7238, 0.3417, 0.3639



69.3514, 0.3293, 0.3678



14.7202, 0.3273, 0.3468



25.6531, 0.4675, 0.4670



1.7898, 0.4581, 0.4745

Inverse Universe

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



54.7910, 0.2883, 0.2978



71.8946, 0.2835, 0.2915



52.4261, 0.2944, 0.2888



13.1094, 0.2981, 0.3106



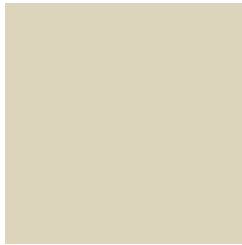
4.5903, 0.1573, 0.0864



0.4300, 0.1660, 0.1174

Previews

White Background



This preview shows how the Yxy color 66.5485, 0.3370, 0.3584 looks on a white background.

Color Contrast Check

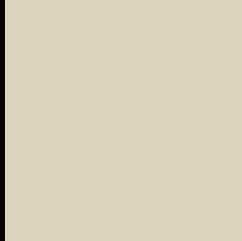
Large Text (above 18pt) WCAG AA × Fail

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 66.5485, 0.3370, 0.3584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

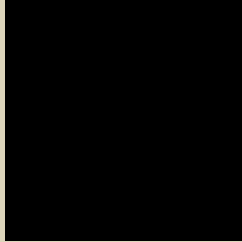
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.5485, 0.3370, 0.3584

Background



This preview shows how black text looks on a background with the Yxy color 66.5485, 0.3370, 0.3584.

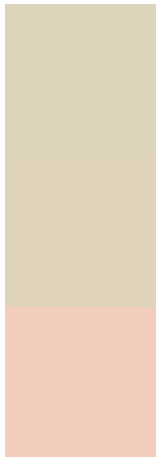


This preview shows how white text looks on a background with the Yxy color 66.5485, 0.3370, 0.3584.

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

66.5485, 0.3370, 0.3584

Protanopia

66.3628, 0.3388, 0.3571

Deuteranopia

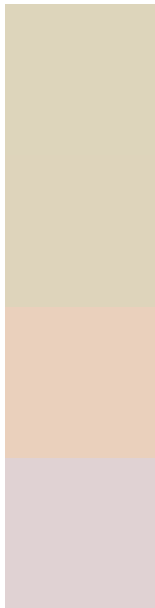
66.2140, 0.3537, 0.3463



Tritanopia

66.6623, 0.3150, 0.3117

Trichromacy



Original Color

66.5485, 0.3370, 0.3584

Protanomaly

66.2044, 0.3380, 0.3572

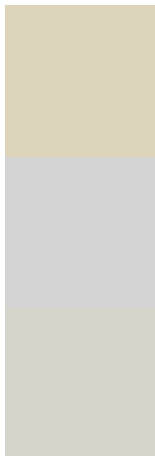
Deuteranomaly

66.2350, 0.3474, 0.3510

Tritanomaly

66.6436, 0.3225, 0.3279

Monochromacy



Original Color

66.5485, 0.3370, 0.3584

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.8458, 0.3212, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.5485, 0.3370, 0.3584 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(221, 213, 187)` looks like.

```
.text, #text, p{  
    color:rgb(221, 213, 187)  
}
```

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(221, 213, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 213, 187) }
```

Border

The CSS property to change the border of an element to Yxy 66.5485, 0.3370, 0.3584 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(221, 213, 187) }
```

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

```
.border{ border-color:rgb(221, 213, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 213, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 213, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 213, 187);  
box-shadow:4px 4px 4px 4px rgb(221, 213,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 66.5485, 0.3370, 0.3584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 213, 187) }
```

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

```
.background{ background-color: rgb(221,  
213, 187) }
```

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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