

Converting Colors

$Yxy(66.2006, 0.3375, 0.3578)$

Have a look what the booklet for
Yxy(66.2006, 0.3375, 0.3578)
contains.

Yxy(66.0470, 0.3372, 0.3573)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(66.0470, 0.3372, 0.3573)

Conversions

Conversions Part 1

Format	Color
Hex	DDD4BB
RGB	221, 212, 187
RGB Percent	87%, 83%, 73%
CMY	0.1333, 0.1686, 0.2667
CMYK	0.00, 0.04, 0.15, 0.13
HSL	44°, 33%, 80%
HSV	44°, 15%, 87%
XYZ	62.3315, 66.0470, 56.4718
YIQ	211.8410, 13.3890, -5.8670

Conversions

Conversions Part 2

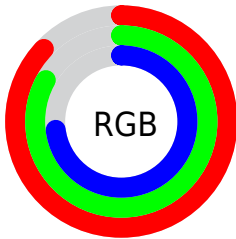
Format	Color
RYB	199, 221, 187
Decimal	14537915
CIELab	85.02, -1.03, 13.48
CIElCh	85, 13.523, 94.366
Yxy	66.0470, 0.3372, 0.3573
Android (android.graphics.Color)	4292727995 (0xFFDDD4BB)
YUV	211.8410, -12.2466, 8.0324
Hunter-Lab	81.2693, -5.3163, 15.6896

Details

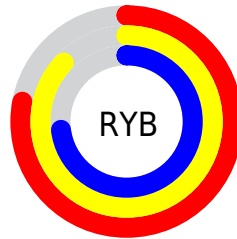
The Yxy color **66.0470, 0.3372, 0.3573** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.2594, 0.2883, 0.2990**, and the grayscale version is **65.8048, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2511, 0.3197, 0.3405**, and **33.9422, 0.3434, 0.3632** is the 20% darker color. If you saturate the color by 10%, you get **62.3047, 0.3548, 0.3765**, and if you desaturate by 10%, it is **70.0466, 0.3209, 0.3387**.

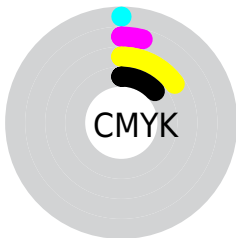
Distribution



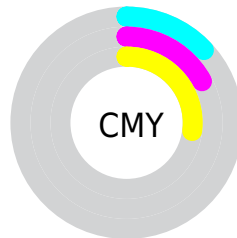
- Red (87%)
- Green (83%)
- Blue (73%)



- Red (78%)
- Yellow (87%)
- Blue (73%)



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




- Cyan (13%)
- Magenta (17%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.0470, 0.3372, 0.3573 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 66.0470, 0.3372, 0.3573 by changing the saturation by 10% instead.


 66.0470, 0.3372,
0.3573

 66.0470, 0.3372,
0.3573

446.5450, 0.3257,
0.3439

 48.3106, 0.3399,
0.3604


 113.5538, 0.3332,
0.3526

 34.0729, 0.3432,
0.3643


144.0929, 0.3316,
0.3508

 22.9496, 0.3474,
0.3692


179.6684, 0.3303,
0.3493

 14.5563, 0.3530,
0.3758

220.6646, 0.3291,
0.3479

 8.5086, 0.3607,
0.3849

267.4660, 0.3281,
0.3467

 4.4221, 0.3719,
0.3982

320.4569, 0.3272,

 1.9124, 0.3898,

0.3457

0.4197

380.0218, 0.3264,
0.3448

0.5558, 0.4751,
0.5249

0.0000, 0.0000,
0.0000

66.0470, 0.3372,
0.3573

66.0470, 0.3372,
0.3573

62.3047, 0.3548,
0.3765

70.0466, 0.3209,
0.3387

58.8033, 0.3734,
0.3957

74.3021, 0.3060,
0.3210

55.5374, 0.3925,
0.4141

78.8233, 0.2926,
0.3044

52.4981, 0.4117,
0.4308

82.2329, 0.2917,
0.3088

■ 49.6755, 0.4300,
0.4448

■ 85.6432, 0.2919,
0.3149

■ 47.0588, 0.4466,
0.4549

■ 89.1646, 0.2921,
0.3209

■ 44.6355, 0.4607,
0.4604

■ 92.7981, 0.2922,
0.3268

■ 42.3906, 0.4717,
0.4610

■ 94.1125, 0.2923,
0.3289

■ 41.4042, 0.4761,
0.4602

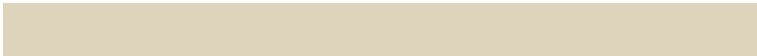
Harmonies

Analogous

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



66.0470, 0.3453, 0.3490



66.0470, 0.3372, 0.3573



66.0470, 0.3226, 0.3579

Triad

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



66.0470, 0.3372, 0.3573



66.0470, 0.2820, 0.3208



66.0470, 0.3192, 0.3091

Complementary

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



66.0470, 0.3372, 0.3573



55.2594, 0.2883, 0.2990

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.



66.0470, 0.3022, 0.3018



66.0470, 0.3372, 0.3573



66.0470, 0.2811, 0.3080

Square

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



66.0470, 0.3372, 0.3573



66.0470, 0.2909, 0.3363



66.0470, 0.2884, 0.3013



66.0470, 0.3348, 0.3214

Rectangle

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



66.0470, 0.3372, 0.3573



66.0470, 0.3113, 0.3536



66.0470, 0.2884, 0.3013



66.0470, 0.3135, 0.3060

Sweetspot

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



66.0499, 0.3372, 0.3573



97.0728, 0.3204, 0.3380



54.8984, 0.3341, 0.3187



20.6911, 0.3215, 0.3393



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.



66.0499, 0.3372, 0.3573



89.8847, 0.3419, 0.3626



69.4578, 0.3298, 0.3677



14.6506, 0.3273, 0.3461



24.2461, 0.4750, 0.4610



1.7088, 0.4639, 0.4698

Inverse Universe

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



55.2594, 0.2883, 0.2990



72.6306, 0.2836, 0.2930



52.3506, 0.2939, 0.2887



13.1746, 0.2981, 0.3113



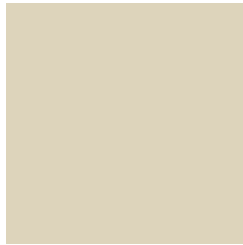
4.9764, 0.1591, 0.0925



0.4629, 0.1679, 0.1245

Previews

White Background



This preview shows how the Yxy color 66.0470, 0.3372, 0.3573 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 66.0470, 0.3372, 0.3573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

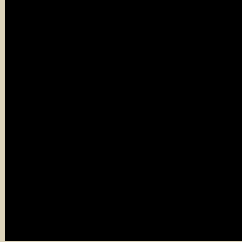
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

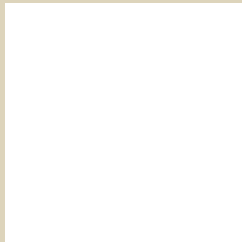
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.0470, 0.3372, 0.3573

Background



This preview shows how black text looks on a background with the Yxy color 66.0470, 0.3372, 0.3573.

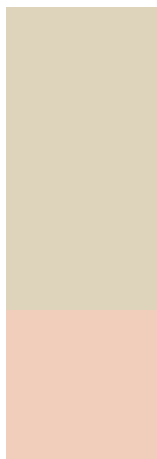


This preview shows how white text looks on a background with the Yxy color 66.0470, 0.3372, 0.3573.

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

66.0470, 0.3372, 0.3573

Protanopia

66.2044, 0.3380, 0.3572

Deuteranopia

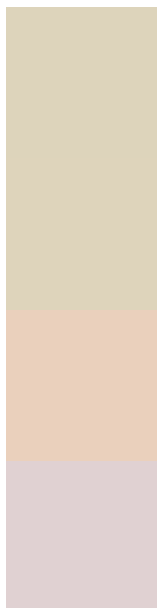
65.9943, 0.3537, 0.3474



Tritanopia

66.1221, 0.3158, 0.3117

Trichromacy



Original Color

66.0470, 0.3372, 0.3573

Protanomaly

66.2044, 0.3380, 0.3572

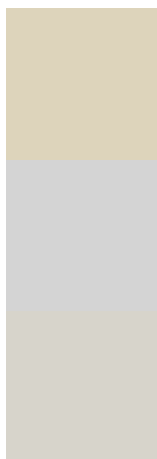
Deuteranomaly

66.2350, 0.3474, 0.3510

Tritanomaly

66.1014, 0.3233, 0.3279

Monochromacy



Original Color

66.0470, 0.3372, 0.3573

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 66.0470, 0.3372, 0.3573 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, 212, 187)` looks like.

```
.text, #text, p{  
    color:rgb(221, 212, 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, 212, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 212, 187) }
```

Border

The CSS property to change the border of an element to Yxy 66.0470, 0.3372, 0.3573 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, 212, 187) }
```

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

```
.border{ border-color:rgb(221, 212, 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, 212, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 212, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 212, 187);  
box-shadow:4px 4px 4px 4px rgb(221, 212,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 66.0470, 0.3372, 0.3573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 212, 187) }
```

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

```
.background{ background-color: rgb(221,  
212, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor