

Converting Colors

Yxy(66.6119, 0.3222, 0.3338)

Have a look what the booklet for
Yxy(66.6119, 0.3222, 0.3338)
contains.

Yxy(66.8076, 0.3221, 0.3346)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(66.8076, 0.3221, 0.3346)

Conversions

Conversions Part 1

Format	Color
Hex	DCD4CF
RGB	220, 212, 207
RGB Percent	86%, 83%, 81%
CMY	0.1374, 0.1686, 0.1882
CMYK	0.00, 0.04, 0.06, 0.14
HSL	23°, 16%, 84%
HSV	23°, 6%, 86%
XYZ	64.3118, 66.8076, 68.5447
YIQ	213.8220, 6.3730, 0.1410

Conversions

Conversions Part 2

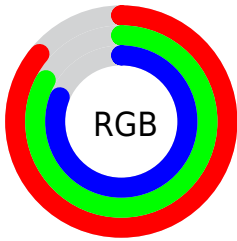
Format	Color
R _Y B	220, 215, 207
Decimal	14472399
CIE Lab	85.41, 1.86, 3.43
CIE LCh	85, 3.901, 61.555
Yxy	66.8076, 0.3221, 0.3346
Android (android.graphics.Color)	4292662479 (0xFFD4CD4CF)
YUV	213.8220, -3.3632, 5.4181
Hunter-Lab	81.7359, -2.5897, 7.4939

Details

The Yxy color **66.8076, 0.3221, 0.3346** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.0071, 0.3037, 0.3233**, and the grayscale version is **67.1374, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.4132, 0.3243, 0.3349** is the 20% darker color. If you saturate the color by 10%, you get **59.3433, 0.3402, 0.3446**, and if you desaturate by 10%, it is **74.9909, 0.3066, 0.3252**.

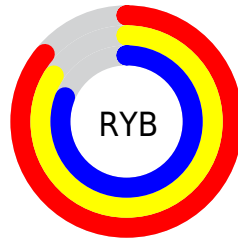
Distribution



Red (86%)

Green (83%)

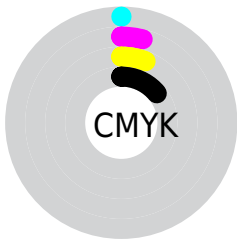
Blue (81%)



Red (86%)

Yellow (84%)

Blue (81%)

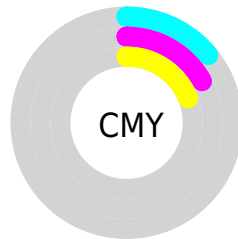


Cyan (0%)

Magenta (4%)

Yellow (6%)

Black (14%)



Cyan (14%)

Magenta (17%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.8076, 0.3221, 0.3346 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 66.8076, 0.3221, 0.3346 by changing the saturation by 10% instead.

■ 66.8076, 0.3221,
0.3346

■ 66.8076, 0.3221,
0.3346

449.2596, 0.3177,
0.3320

■ 48.9283, 0.3231,
0.3352

114.6447, 0.3206,
0.3337

■ 34.5626, 0.3244,
0.3360

145.3712, 0.3200,
0.3333

■ 23.3261, 0.3261,
0.3369

181.1490, 0.3194,
0.3330

■ 14.8345, 0.3282,
0.3382

222.3623, 0.3190,
0.3328

■ 8.7033, 0.3313,
0.3399

269.3957, 0.3186,
0.3325

■ 4.5482, 0.3358,
0.3425

322.6334, 0.3183,

■ 1.9847, 0.3432,

0.3323

0.3466

382.4599, 0.3180,
0.3322

0.5986, 0.3781,
0.3684

0.0000, 0.0000,
0.0000

66.8076, 0.3221,
0.3346

66.8076, 0.3221,
0.3346

59.3433, 0.3402,
0.3446

74.9909, 0.3066,
0.3252

52.5695, 0.3612,
0.3551

83.9037, 0.2935,
0.3166

46.4683, 0.3855,
0.3658

92.3528, 0.2916,
0.3264

41.0178, 0.4131,
0.3760

93.9485, 0.2917,
0.3289

■ 36.1947, 0.4437,
0.3850

■ 31.9742, 0.4764,
0.3915

■ 28.3296, 0.5093,
0.3945

■ 25.2316, 0.5400,
0.3925

■ 22.6470, 0.5658,
0.3852

Harmonies

Analogous

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



66.8076, 0.3216, 0.3307



66.8076, 0.3221, 0.3346



66.8076, 0.3201, 0.3370

Triad

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



66.8076, 0.3221, 0.3346



66.8076, 0.3068, 0.3316



66.8076, 0.3093, 0.3209

Complementary

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



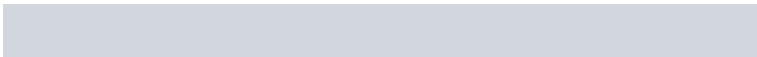
66.8076, 0.3221, 0.3346



67.0071, 0.3037, 0.3233

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.



66.8076, 0.3054, 0.3211



66.8076, 0.3221, 0.3346



66.8076, 0.3039, 0.3272

Square

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



66.8076, 0.3221, 0.3346



66.8076, 0.3112, 0.3353



66.8076, 0.3034, 0.3234



66.8076, 0.3142, 0.3229

Rectangle

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



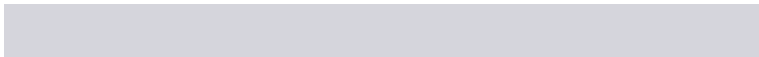
66.8076, 0.3221, 0.3346



66.8076, 0.3176, 0.3374



66.8076, 0.3034, 0.3234



66.8076, 0.3079, 0.3207

Sweetspot

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



66.8105, 0.3221, 0.3346



97.6967, 0.3158, 0.3309



64.7466, 0.3169, 0.3202



20.9353, 0.3157, 0.3308



0.0000, 0.0000, 0.0000



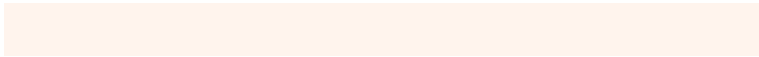
21.4041, 0.3127, 0.3290

Same Dimension

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



66.8105, 0.3221, 0.3346



92.1171, 0.3241, 0.3358



70.0878, 0.3215, 0.3417



14.1850, 0.3249, 0.3362



12.9524, 0.5726, 0.3836



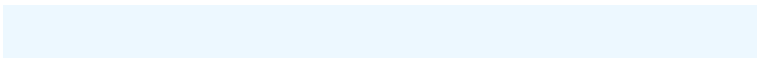
1.0032, 0.5423, 0.4076

Inverse Universe

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



67.0071, 0.3037, 0.3233



92.4441, 0.3019, 0.3222



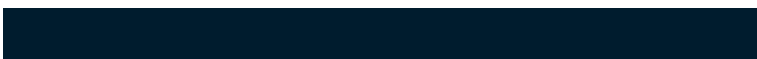
63.7995, 0.3038, 0.3160



14.2390, 0.3011, 0.3217



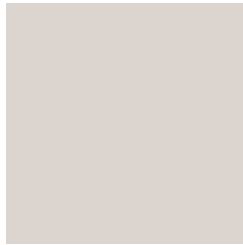
13.4092, 0.1883, 0.1977



1.0339, 0.1948, 0.2214

Previews

White Background



This preview shows how the Yxy color 66.8076, 0.3221, 0.3346 looks on a white background.

Color Contrast Check

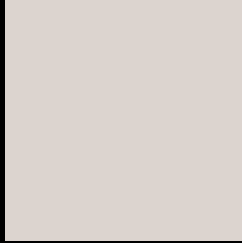
Large Text (above 18pt) WCAG AA × Fail

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 66.8076, 0.3221, 0.3346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

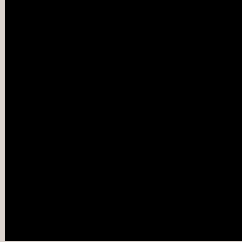
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

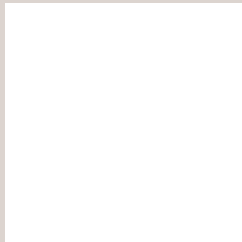
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.8076, 0.3221, 0.3346

Background



This preview shows how black text looks on a background with the Yxy color 66.8076, 0.3221, 0.3346.

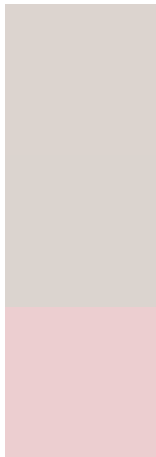


This preview shows how white text looks on a background with the Yxy color 66.8076, 0.3221, 0.3346.

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

66.8076, 0.3221, 0.3346

Protanopia

66.6520, 0.3214, 0.3346

Deuteranopia

66.5295, 0.3344, 0.3269



Tritanopia

66.7799, 0.3114, 0.3105

Trichromacy



Original Color

66.8076, 0.3221, 0.3346

Protanomaly

66.6520, 0.3214, 0.3346

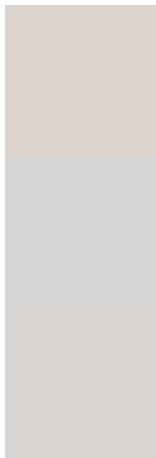
Deuteranomaly

66.4888, 0.3295, 0.3291

Tritanomaly

66.7373, 0.3154, 0.3191

Monochromacy



Original Color

66.8076, 0.3221, 0.3346

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.8906, 0.3163, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.8076, 0.3221, 0.3346 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(220, 212, 207)` looks like.

```
.text, #text, p{  
    color:rgb(220, 212, 207)  
}
```

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(220, 212, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 212, 207) }
```

Border

The CSS property to change the border of an element to Yxy 66.8076, 0.3221, 0.3346 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(220, 212, 207) }
```

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

```
.border{ border-color:rgb(220, 212, 207) }
```

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

Here you see how a box with a 4 pixel rgb(220, 212, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 212, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 212, 207);  
box-shadow:4px 4px 4px 4px rgb(220, 212,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 66.8076, 0.3221, 0.3346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 212, 207) }
```

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

```
.background{ background-color: rgb(220,  
212, 207) }
```

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