

Converting Colors

Yxy(66.2881, 0.3299, 0.3470)

Have a look what the booklet for
Yxy(66.2881, 0.3299, 0.3470)
contains.

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Color

Yxy(66.2881, 0.3299, 0.3470)

Conversions

Conversions Part 1

Format	Color
Hex	DCD4C4
RGB	220, 212, 196
RGB Percent	86%, 83%, 77%
CMY	0.1373, 0.1686, 0.2312
CMYK	0.00, 0.04, 0.11, 0.14
HSL	40°, 25%, 82%
HSV	40°, 11%, 86%
XYZ	63.0215, 66.2881, 61.7224
YIQ	212.5680, 9.9040, -3.2800

Conversions

Conversions Part 2

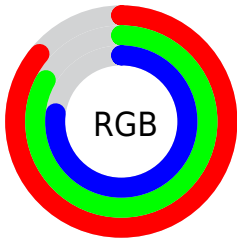
Format	Color
R_{YB}	208, 220, 196
Decimal	14472388
CIE Lab	85.14, 0.04, 8.86
CIE LCh	85, 8.862, 89.752
Yxy	66.2881, 0.3299, 0.3470
Android (android.graphics.Color)	4292662468 (0xFFD4C4)
YUV	212.5680, -8.1680, 6.5179
Hunter-Lab	81.4175, -4.3122, 12.0446

Details

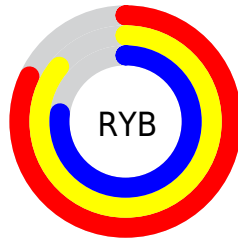
The Yxy color **66.2881, 0.3299, 0.3470** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.1003, 0.2958, 0.3103**, and the grayscale version is **66.2882, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8718, 0.3139, 0.3309**, and **34.0663, 0.3347, 0.3513** is the 20% darker color. If you saturate the color by 10%, you get **61.7811, 0.3474, 0.3643**, and if you desaturate by 10%, it is **71.1140, 0.3140, 0.3304**.

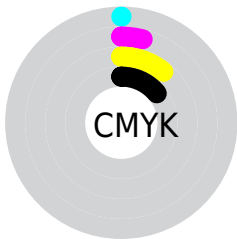
Distribution



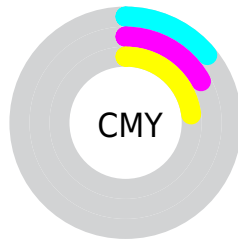
- Red (86%)
- Green (83%)
- Blue (77%)



- Red (82%)
- Yellow (86%)
- Blue (77%)



- Cyan (0%)
- Magenta (4%)
- Yellow (11%)
- Black (14%)



- Cyan (14%)
- Magenta (17%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.2881, 0.3299, 0.3470 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 66.2881, 0.3299, 0.3470 by changing the saturation by 10% instead.

■ 66.2881, 0.3299,
0.3470

■ 66.2881, 0.3299,
0.3470

447.4065, 0.3218,
0.3385

■ 48.5063, 0.3318,
0.3490

113.8997, 0.3271,
0.3440

■ 34.2280, 0.3341,
0.3514

144.4984, 0.3260,
0.3429

■ 23.0688, 0.3371,
0.3546

180.1381, 0.3250,
0.3419

■ 14.6443, 0.3411,
0.3587

221.2033, 0.3242,
0.3411

■ 8.5702, 0.3466,
0.3645

268.0783, 0.3235,
0.3403

■ 4.4619, 0.3548,
0.3730

321.1476, 0.3229,

■ 1.9351, 0.3680,

0.3396

380.7955, 0.3223,
0.3391

0.3868

0.5694, 0.4876,
0.5121

0.0000, 0.0000,
0.0000

66.2881, 0.3299,
0.3470

66.2881, 0.3299,
0.3470

61.7811, 0.3474,
0.3643

71.1140, 0.3140,
0.3304

57.5757, 0.3664,
0.3820

76.2583, 0.2998,
0.3148

53.6658, 0.3867,
0.3993

81.2699, 0.2910,
0.3073

50.0417, 0.4077,
0.4156

85.5276, 0.2913,
0.3149

■ 46.6930, 0.4288,
0.4297

■ 89.9597, 0.2915,
0.3225

■ 43.6083, 0.4490,
0.4405

■ 93.9525, 0.2917,
0.3289

■ 40.7747, 0.4673,
0.4470

■ 38.1774, 0.4827,
0.4484

■ 35.9935, 0.4942,
0.4458

Harmonies

Analogous

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



66.2881, 0.3343, 0.3411



66.2881, 0.3299, 0.3470



66.2881, 0.3209, 0.3481

Triad

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



66.2881, 0.3299, 0.3470



66.2881, 0.2931, 0.3253



66.2881, 0.3153, 0.3149

Complementary

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



66.2881, 0.3299, 0.3470



60.1003, 0.2958, 0.3103

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.



66.2881, 0.3043, 0.3107



66.2881, 0.3299, 0.3470



66.2881, 0.2916, 0.3164

Square

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



66.2881, 0.3299, 0.3470



66.2881, 0.2997, 0.3354



66.2881, 0.2957, 0.3112



66.2881, 0.3258, 0.3227

Rectangle

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



66.2881, 0.3299, 0.3470



66.2881, 0.3136, 0.3458



66.2881, 0.2957, 0.3112



66.2881, 0.3115, 0.3130

Sweetspot

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



66.2910, 0.3299, 0.3470



97.9023, 0.3173, 0.3339



59.0723, 0.3259, 0.3200



20.8366, 0.3185, 0.3352



0.0000, 0.0000, 0.0000



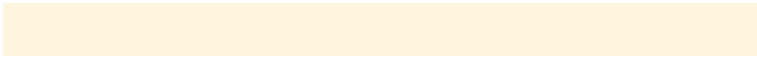
21.4041, 0.3127, 0.3290

Same Dimension

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



66.2910, 0.3299, 0.3470



91.2034, 0.3337, 0.3508



69.7607, 0.3259, 0.3560



14.4952, 0.3275, 0.3445



21.3411, 0.4927, 0.4470



1.5385, 0.4778, 0.4588

Inverse Universe

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



60.1003, 0.2958, 0.3103



80.9413, 0.2922, 0.3062



56.9492, 0.2987, 0.3011



13.3222, 0.2981, 0.3130



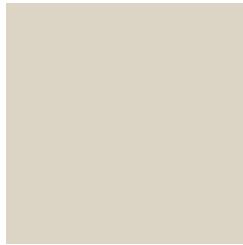
6.0332, 0.1635, 0.1086



0.5462, 0.1727, 0.1416

Previews

White Background



This preview shows how the Yxy color 66.2881, 0.3299, 0.3470 looks on a white background.

Color Contrast Check

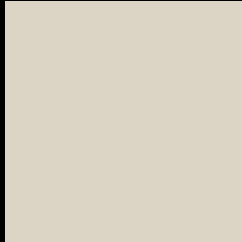
Large Text (above 18pt) WCAG AA × Fail

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 66.2881, 0.3299, 0.3470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

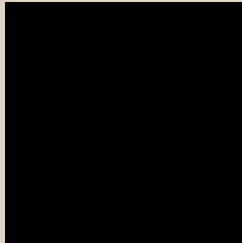
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

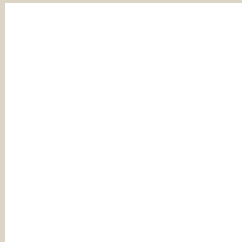
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.2881, 0.3299, 0.3470

Background



This preview shows how black text looks on a background with the Yxy color 66.2881, 0.3299, 0.3470.

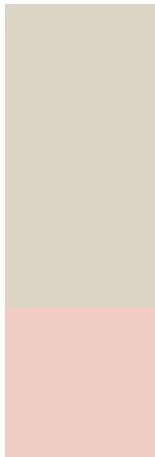


This preview shows how white text looks on a background with the Yxy color 66.2881, 0.3299, 0.3470.

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

66.2881, 0.3299, 0.3470

Protanopia

66.2881, 0.3299, 0.3470

Deuteranopia

66.0446, 0.3452, 0.3377



Tritanopia

66.3409, 0.3135, 0.3116

Trichromacy



Original Color

66.2881, 0.3299, 0.3470

Protanomaly

66.2881, 0.3299, 0.3470

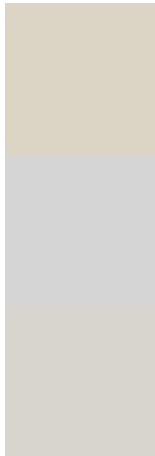
Deuteranomaly

66.2988, 0.3391, 0.3411

Tritanomaly

66.1439, 0.3197, 0.3235

Monochromacy



Original Color

66.2881, 0.3299, 0.3470

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.6924, 0.3191, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.2881, 0.3299, 0.3470 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, 196)` looks like.

```
.text, #text, p{  
    color:rgb(220, 212, 196)  
}
```

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, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 212, 196) }
```

Border

The CSS property to change the border of an element to Yxy 66.2881, 0.3299, 0.3470 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, 196) }
```

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

```
.border{ border-color:rgb(220, 212, 196) }
```

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, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 212, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 212, 196);  
box-shadow:4px 4px 4px 4px rgb(220, 212,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 66.2881, 0.3299, 0.3470 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, 196) }
```

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

```
.background{ background-color: rgb(220,  
212, 196) }
```

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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