

Converting Colors

Yxy(67.1828, 0.3415, 0.3683)

Have a look what the booklet for
Yxy(67.1828, 0.3415, 0.3683)
contains.

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Color

Yxy(67.2683, 0.3417, 0.3686)

Conversions

Conversions Part 1

Format	Color
Hex	DDD7B4
RGB	221, 215, 180
RGB Percent	87%, 84%, 71%
CMY	0.1333, 0.1569, 0.2942
CMYK	0.00, 0.03, 0.19, 0.13
HSL	51°, 38%, 79%
HSV	51°, 19%, 87%
XYZ	62.3591, 67.2683, 52.8693
YIQ	212.8040, 14.8110, -9.6130

Conversions

Conversions Part 2

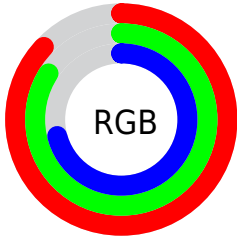
Format	Color
RYB	187, 221, 180
Decimal	14538676
CIELab	85.64, -3.63, 18.04
CIELCh	86, 18.405, 101.384
Yxy	67.2683, 0.3417, 0.3686
Android (android.graphics.Color)	4292728756 (0xFFDDD7B4)
YUV	212.8040, -16.1724, 7.1879
Hunter-Lab	82.0173, -7.8136, 19.1930

Details

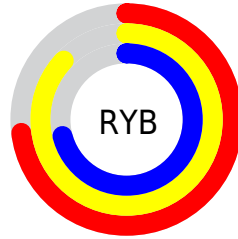
The Yxy color **67.2683, 0.3417, 0.3686** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.0396, 0.2826, 0.2860**, and the grayscale version is **66.5065, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8361, 0.3238, 0.3473**, and **34.7809, 0.3492, 0.3780** is the 20% darker color. If you saturate the color by 10%, you get **64.8083, 0.3584, 0.3905**, and if you desaturate by 10%, it is **69.9105, 0.3257, 0.3469**.

Distribution



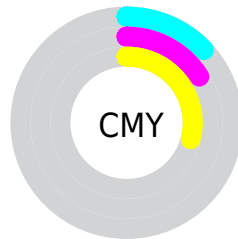
- Red (87%)
- Green (84%)
- Blue (71%)



- Red (73%)
- Yellow (87%)
- Blue (71%)



- Cyan (0%)
- Magenta (3%)
- Yellow (19%)
- Black (13%)





- Cyan (13%)
- Magenta (16%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.2683, 0.3417, 0.3686 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 67.2683, 0.3417, 0.3686 by changing the saturation by 10% instead.

 67.2683, 0.3417,
0.3686

 67.2683, 0.3417,
0.3686

450.8992, 0.3282,
0.3499

 49.3027, 0.3448,
0.3730

 115.3048, 0.3370,
0.3620

 34.8597, 0.3486,
0.3784


146.1444, 0.3352,
0.3595

 23.5548, 0.3535,
0.3853


182.0442, 0.3336,
0.3573

 15.0037, 0.3598,
0.3945

223.3886, 0.3322,
0.3555

 8.8220, 0.3683,
0.4071

270.5618, 0.3310,
0.3538

 4.6252, 0.3803,
0.4254

323.9484, 0.3300,

 2.0291, 0.4014,

0.3523

0.4579

383.9328, 0.3290,
0.3511

0.6243, 0.4470,
0.5530

0.0000, 0.0000,
0.0000

67.2683, 0.3417,
0.3686

67.2683, 0.3417,
0.3686

64.8083, 0.3584,
0.3905

69.9105, 0.3257,
0.3469

62.5147, 0.3752,
0.4120


72.7325, 0.3106,
0.3261

60.3828, 0.3918,
0.4322

75.7435, 0.2966,
0.3063

58.4044, 0.4073,
0.4500


78.0563, 0.2915,
0.3010


 56.5705, 0.4212,
0.4645


 79.8543, 0.2916,
0.3044

 54.8707, 0.4326,
0.4749


 81.6857, 0.2917,
0.3078


 53.2928, 0.4413,
0.4807

 83.5509, 0.2918,
0.3112

 51.8187, 0.4473,
0.4823

 85.4500, 0.2919,
0.3145

 51.6117, 0.4481,
0.4824

 87.3832, 0.2920,
0.3179

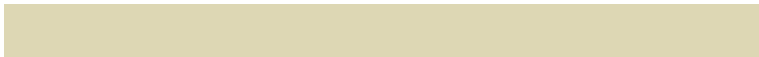
Harmonies

Analogous

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



67.2683, 0.3553, 0.3592



67.2683, 0.3417, 0.3686



67.2683, 0.3206, 0.3670

Triad

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



67.2683, 0.3417, 0.3686



67.2683, 0.2702, 0.3130



67.2683, 0.3267, 0.3058

Complementary

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



67.2683, 0.3417, 0.3686



50.0396, 0.2826, 0.2860

Split Complementary

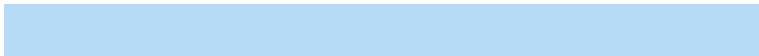
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.2683, 0.3036, 0.2942



67.2683, 0.3417, 0.3686



67.2683, 0.2716, 0.2976

Square

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



67.2683, 0.3417, 0.3686



67.2683, 0.2797, 0.3338



67.2683, 0.2836, 0.2911



67.2683, 0.3466, 0.3231

Rectangle

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



67.2683, 0.3417, 0.3686



67.2683, 0.3053, 0.3595



67.2683, 0.2836, 0.2911



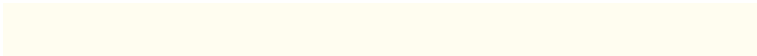
67.2683, 0.3190, 0.3011

Sweetspot

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



67.2713, 0.3417, 0.3686



97.6316, 0.3218, 0.3416



51.5625, 0.3435, 0.3219



20.8432, 0.3228, 0.3430



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.



67.2713, 0.3417, 0.3686



91.7664, 0.3477, 0.3765



68.2305, 0.3297, 0.3766



14.9217, 0.3270, 0.3488



30.1082, 0.4476, 0.4828



2.0411, 0.4423, 0.4870

Inverse Universe

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



50.0396, 0.2826, 0.2860



64.0319, 0.2760, 0.2765



49.3735, 0.2933, 0.2800



12.9235, 0.2981, 0.3084



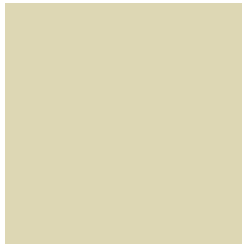
3.7453, 0.1535, 0.0724



0.3425, 0.1604, 0.0974

Previews

White Background



This preview shows how the Yxy color 67.2683, 0.3417, 0.3686 looks on a white background.

Color Contrast Check

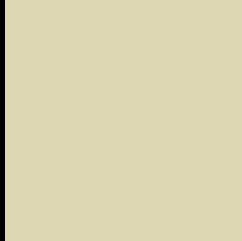
Large Text (above 18pt) WCAG AA × Fail

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 67.2683, 0.3417, 0.3686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

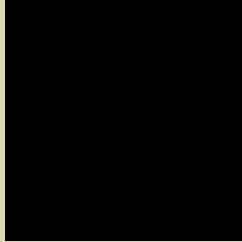
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

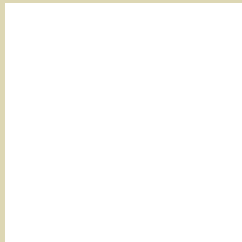
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.2683, 0.3417, 0.3686

Background



This preview shows how black text looks on a background with the Yxy color 67.2683, 0.3417, 0.3686.



This preview shows how white text looks on a background with the Yxy color 67.2683, 0.3417, 0.3686.

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

67.2683, 0.3417, 0.3686

Protanopia

67.5166, 0.3465, 0.3681

Deuteranopia

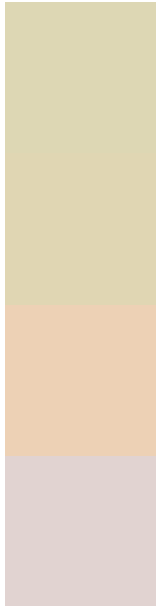
67.1128, 0.3621, 0.3547



Tritanopia

67.3681, 0.3150, 0.3118

Trichromacy



Original Color

67.2683, 0.3417, 0.3686

Protanomaly

67.1951, 0.3449, 0.3684

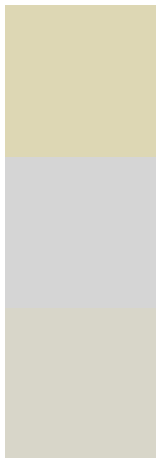
Deuteranomaly

66.9416, 0.3549, 0.3596

Tritanomaly

67.1995, 0.3246, 0.3312

Monochromacy



Original Color

67.2683, 0.3417, 0.3686

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.9091, 0.3231, 0.3437

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.2683, 0.3417, 0.3686 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, 215, 180)` looks like.

```
.text, #text, p{  
    color:rgb(221, 215, 180)  
}
```

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, 215, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 215, 180) }
```

Border

The CSS property to change the border of an element to Yxy 67.2683, 0.3417, 0.3686 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, 215, 180) }
```

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

```
.border{ border-color:rgb(221, 215, 180) }
```

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

Here you see how a box with a 4 pixel rgb(221, 215, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 215, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 215, 180);  
box-shadow:4px 4px 4px 4px rgb(221, 215,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 67.2683, 0.3417, 0.3686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 215, 180) }
```

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

```
.background{ background-color: rgb(221,  
215, 180) }
```

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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