

Converting Colors

$Yxy(68.9288, 0.3362, 0.3746)$

Have a look what the booklet for
Yxy(68.9288, 0.3362, 0.3746)
contains.

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Color

Yxy(68.9288, 0.3362, 0.3746)

Conversions

Conversions Part 1

Format	Color
Hex	D7DCB4
RGB	215, 220, 180
RGB Percent	84%, 86%, 71%
CMY	0.1567, 0.1373, 0.2942
CMYK	0.02, 0.00, 0.18, 0.14
HSL	67°, 36%, 78%
HSV	67°, 18%, 86%
XYZ	61.8630, 68.9288, 53.2147
YIQ	213.9450, 9.8600, -13.5000

Conversions

Conversions Part 2

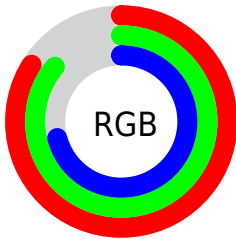
Format	Color
RYB	180, 220, 185
Decimal	14146740
CIELab	86.47, -8.36, 19.13
CIELCh	86, 20.880, 113.613
Yxy	68.9288, 0.3362, 0.3746
Android (android.graphics.Color)	4292336820 (0xFFD7DCB4)
YUV	213.9450, -16.7349, 0.9252
Hunter-Lab	83.0234, -12.2857, 20.1138

Details

The Yxy color **68.9288, 0.3362, 0.3746** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **48.1100, 0.2867, 0.2801**, and the grayscale version is **67.3205, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8361, 0.3238, 0.3473**, and **35.9162, 0.3416, 0.3860** is the 20% darker color. If you saturate the color by 10%, you get **67.6961, 0.3491, 0.4006**, and if you desaturate by 10%, it is **70.3167, 0.3232, 0.3491**.

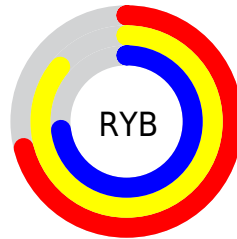
Distribution



Red (84%)

Green (86%)

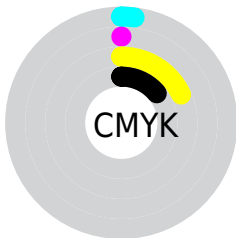
Blue (71%)



Red (71%)

Yellow (86%)

Blue (73%)

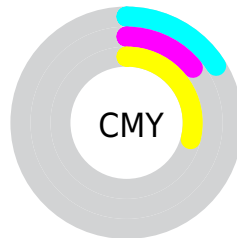


Cyan (2%)

Magenta (0%)

Yellow (18%)

Black (14%)



Cyan (16%)


Magenta (14%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.9288, 0.3362, 0.3746 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 68.9288, 0.3362, 0.3746 by changing the saturation by 10% instead.


 68.9288, 0.3362,
0.3746

 68.9288, 0.3362,
0.3746


456.7798, 0.3254,
0.3530

 50.6537, 0.3386,
0.3797


 117.6799, 0.3325,
0.3670

 35.9331, 0.3416,
0.3860


148.9247, 0.3310,
0.3641

 24.3825, 0.3453,
0.3941

185.2615, 0.3298,
0.3615

 15.6176, 0.3500,
0.4048

227.0747, 0.3287,
0.3594

 9.2540, 0.3563,
0.4197

274.7488, 0.3277,
0.3575

 4.9072, 0.3647,
0.4415

328.6681, 0.3269,

 2.1929, 0.3789,

0.3558

0.4795

389.2169, 0.3261,
0.3543

0.7161, 0.3995,
0.6005

0.0000, 0.0000,
0.0000

68.9288, 0.3362,
0.3746

68.9288, 0.3362,
0.3746

67.6961, 0.3491,
0.4006

70.3167, 0.3232,
0.3491

66.6029, 0.3615,
0.4262

71.8571, 0.3104,
0.3247

65.6448, 0.3729,
0.4506

73.5588, 0.2983,
0.3017

64.8139, 0.3825,
0.4726

74.5628, 0.2945,
0.2929

64.1015, 0.3901,
0.4913

75.0067, 0.2963,
0.2931

63.4975, 0.3951,
0.5058

75.4575, 0.2982,
0.2933

62.9901, 0.3975,
0.5159

75.9154, 0.3000,
0.2935

62.5623, 0.3975,
0.5218

76.3805, 0.3018,
0.2937

62.4886, 0.3974,
0.5226

76.8526, 0.3037,
0.2939

Harmonies

Analogous

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



68.9288, 0.3558, 0.3685



68.9288, 0.3362, 0.3746



68.9288, 0.3109, 0.3674

Triad

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



68.9288, 0.3362, 0.3746



68.9288, 0.2642, 0.3028



68.9288, 0.3384, 0.3103

Complementary

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



68.9288, 0.3362, 0.3746



48.1100, 0.2867, 0.2801

Split Complementary

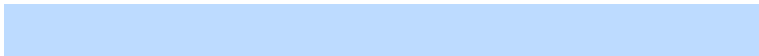
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.9288, 0.3129, 0.2943



68.9288, 0.3362, 0.3746



68.9288, 0.2708, 0.2894

Square

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



68.9288, 0.3362, 0.3746



68.9288, 0.2699, 0.3243



68.9288, 0.2883, 0.2867



68.9288, 0.3573, 0.3310

Rectangle

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



68.9288, 0.3362, 0.3746



68.9288, 0.2942, 0.3558



68.9288, 0.2883, 0.2867



68.9288, 0.3303, 0.3042

Sweetspot

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



68.9318, 0.3362, 0.3746



98.9076, 0.3191, 0.3413



53.0622, 0.3469, 0.3346



21.1384, 0.3200, 0.3430



0.0000, 0.0000, 0.0000



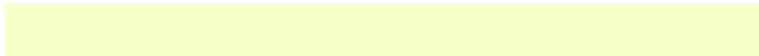
21.4041, 0.3127, 0.3290

Same Dimension

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



68.9318, 0.3362, 0.3746



95.6049, 0.3414, 0.3850



66.1237, 0.3215, 0.3768



15.1778, 0.3248, 0.3522



36.7090, 0.3978, 0.5224



2.4016, 0.4015, 0.5194

Inverse Universe

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



48.1100, 0.2867, 0.2801



61.1209, 0.2801, 0.2680



50.7337, 0.3023, 0.2823



12.6941, 0.3000, 0.3050



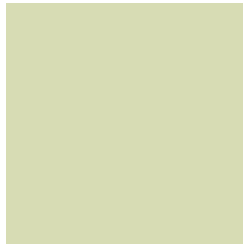
3.1973, 0.1548, 0.0626



0.2332, 0.1661, 0.0689

Previews

White Background



This preview shows how the Yxy color 68.9288, 0.3362, 0.3746 looks on a white background.

Color Contrast Check

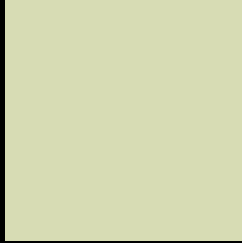
Large Text (above 18pt) WCAG AA × Fail

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 68.9288, 0.3362, 0.3746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

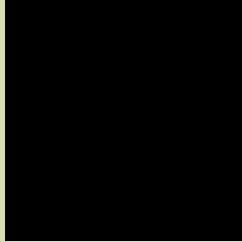
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

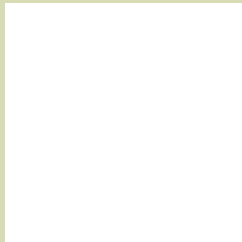
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.9288, 0.3362, 0.3746

Background



This preview shows how black text looks on a background with the Yxy color 68.9288, 0.3362, 0.3746.



This preview shows how white text looks on a background with the Yxy color 68.9288, 0.3362, 0.3746.

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

68.9288, 0.3362, 0.3746

Protanopia

68.9841, 0.3491, 0.3711

Deuteranopia

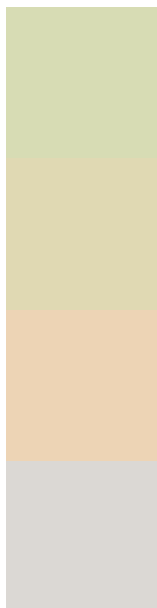
68.6289, 0.3640, 0.3565



Tritanopia

68.8313, 0.3078, 0.3106

Trichromacy



Original Color

68.9288, 0.3362, 0.3746

Protanomaly

68.7277, 0.3443, 0.3716

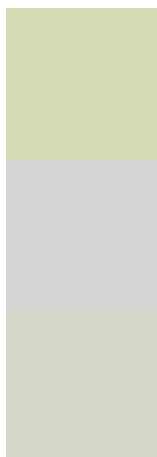
Deuteranomaly

68.4277, 0.3542, 0.3627

Tritanomaly

68.9253, 0.3176, 0.3334

Monochromacy



Original Color

68.9288, 0.3362, 0.3746

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.6721, 0.3208, 0.3448

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.9288, 0.3362, 0.3746 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(215, 220, 180)` looks like.

```
.text, #text, p{  
    color:rgb(215, 220, 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(215, 220, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 220, 180) }
```

Border

The CSS property to change the border of an element to Yxy 68.9288, 0.3362, 0.3746 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(215, 220, 180) }
```

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

```
.border{ border-color:rgb(215, 220, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 220, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 220, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 220, 180); box-shadow:4px 4px 4px 4px rgb(215, 220, 180) }
```


Background

The CSS property to change the background color of an element to Yxy 68.9288, 0.3362, 0.3746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 220, 180) }
```

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

```
.background{ background-color: rgb(215,  
220, 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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