

Converting Colors

$Yxy(65.8468, 0.3271, 0.3636)$

Have a look what the booklet for
Yxy(65.8468, 0.3271, 0.3636)
contains.

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Color

Yxy(66.0668, 0.3273, 0.3639)

Conversions

Conversions Part 1

Format	Color
Hex	D0D8BA
RGB	208, 216, 186
RGB Percent	82%, 85%, 73%
CMY	0.1845, 0.1529, 0.2707
CMYK	0.04, 0.00, 0.14, 0.15
HSL	76°, 28%, 79%
HSV	76°, 14%, 85%
XYZ	59.4220, 66.0668, 56.0633
YIQ	210.1880, 4.8620, -11.0260

Conversions

Conversions Part 2

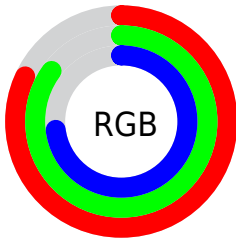
Format	Color
RYB	186, 216, 194
Decimal	13686970
CIELab	85.03, -7.94, 13.89
CIELCh	85, 15.999, 119.754
Yxy	66.0668, 0.3273, 0.3639
Android (android.graphics.Color)	4291877050 (0xFFD0D8BA)
YUV	210.1880, -11.9247, -1.9189
Hunter-Lab	81.2815, -11.7476, 16.0022

Details

The Yxy color **66.0668, 0.3273, 0.3639** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.5424, 0.2968, 0.2930**, and the grayscale version is **64.6536, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **34.0532, 0.3311, 0.3721** is the 20% darker color. If you saturate the color by 10%, you get **64.3954, 0.3378, 0.3905**, and if you desaturate by 10%, it is **67.9135, 0.3168, 0.3385**.

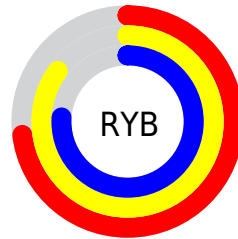
Distribution



Red (82%)

Green (85%)

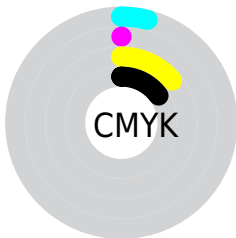
Blue (73%)



Red (73%)

Yellow (85%)

Blue (76%)

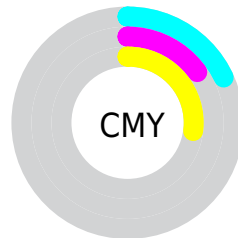


Cyan (4%)

Magenta (0%)

Yellow (14%)

Black (15%)



Cyan (18%)


Magenta (15%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.0668, 0.3273, 0.3639 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 66.0668, 0.3273, 0.3639 by changing the saturation by 10% instead.

 66.0668, 0.3273,
0.3639

 66.0668, 0.3273,
0.3639


446.6157, 0.3206,
0.3472

 48.3266, 0.3288,
0.3678


 113.5822, 0.3250,
0.3580

 34.0856, 0.3307,
0.3728


144.1262, 0.3241,
0.3557

 22.9594, 0.3331,
0.3792


179.7070, 0.3233,
0.3538

 14.5635, 0.3362,
0.3877

220.7089, 0.3226,
0.3521

 8.5136, 0.3403,
0.3998

267.5163, 0.3220,
0.3507

 4.4253, 0.3460,
0.4178

320.5137, 0.3215,

 1.9142, 0.3547,

0.3494

0.4484

380.0854, 0.3210,
0.3482

0.5569, 0.3759,
0.6241

0.0000, 0.0000,
0.0000

66.0668, 0.3273,
0.3639

66.0668, 0.3273,
0.3639

64.3954, 0.3378,
0.3905

67.9135, 0.3168,
0.3385

62.8841, 0.3479,
0.4178


69.9330, 0.3065,
0.3147


61.5288, 0.3571,
0.4447


72.1340, 0.2967,
0.2928

60.3219, 0.3649,
0.4704

73.3509, 0.2980,
0.2891

 59.2550, 0.3708,
0.4935

 74.3313, 0.3019,
0.2896

 58.3189, 0.3744,
0.5130

 75.3438, 0.3059,
0.2900

 57.5026, 0.3754,
0.5280

 76.3888, 0.3099,
0.2905

 56.7934, 0.3740,
0.5382

 77.4667, 0.3140,
0.2910

 56.4004, 0.3722,
0.5427

 77.6005, 0.3145,
0.2911

Harmonies

Analogous

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



66.0668, 0.3437, 0.3615



66.0668, 0.3273, 0.3639



66.0668, 0.3073, 0.3562

Triad

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



66.0668, 0.3273, 0.3639



66.0668, 0.2750, 0.3060



66.0668, 0.3363, 0.3175

Complementary

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



66.0668, 0.3273, 0.3639



51.5424, 0.2968, 0.2930

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.



66.0668, 0.3172, 0.3039



66.0668, 0.3273, 0.3639



66.0668, 0.2821, 0.2970

Square

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



66.0668, 0.3273, 0.3639



66.0668, 0.2776, 0.3219



66.0668, 0.2974, 0.2964



66.0668, 0.3492, 0.3343

Rectangle

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



66.0668, 0.3273, 0.3639



66.0668, 0.2948, 0.3463



66.0668, 0.2974, 0.2964



66.0668, 0.3304, 0.3125

Sweetspot

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



66.0697, 0.3273, 0.3639



98.8454, 0.3169, 0.3388



56.7254, 0.3369, 0.3384



21.1115, 0.3177, 0.3407



0.0000, 0.0000, 0.0000



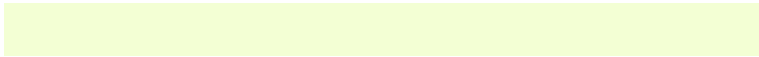
21.4041, 0.3127, 0.3290

Same Dimension

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



66.0697, 0.3273, 0.3639



95.3780, 0.3307, 0.3725



64.0009, 0.3161, 0.3651



14.3448, 0.3226, 0.3523



33.4328, 0.3729, 0.5421



2.0561, 0.3813, 0.5355

Inverse Universe

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



51.5424, 0.2968, 0.2930



69.8633, 0.2926, 0.2838



53.6253, 0.3087, 0.2943



12.1681, 0.3023, 0.3052



3.5108, 0.1669, 0.0693



0.2525, 0.1853, 0.0794

Previews

White Background



This preview shows how the Yxy color 66.0668, 0.3273, 0.3639 looks on a white background.

Color Contrast Check

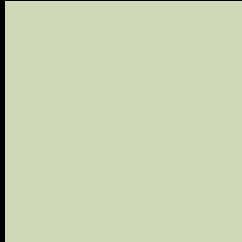
Large Text (above 18pt) WCAG AA × Fail

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 66.0668, 0.3273, 0.3639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

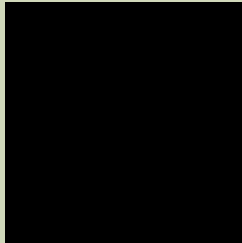
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

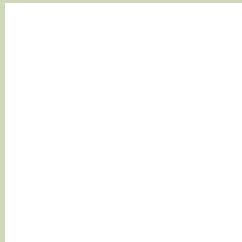
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.0668, 0.3273, 0.3639

Background



This preview shows how black text looks on a background with the Yxy color 66.0668, 0.3273, 0.3639.



This preview shows how white text looks on a background with the Yxy color 66.0668, 0.3273, 0.3639.

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

66.0668, 0.3273, 0.3639

Protanopia

66.2356, 0.3409, 0.3606

Deuteranopia

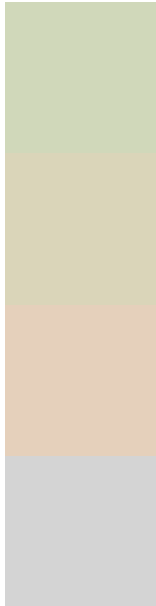
65.5173, 0.3539, 0.3464



Tritanopia

65.9354, 0.3041, 0.3102

Trichromacy



Original Color

66.0668, 0.3273, 0.3639

Protanomaly

65.9967, 0.3361, 0.3609

Deuteranomaly

65.3576, 0.3442, 0.3524

Tritanomaly

65.8375, 0.3127, 0.3290

Monochromacy



Original Color

66.0668, 0.3273, 0.3639

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.8593, 0.3181, 0.3417

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.0668, 0.3273, 0.3639 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(208, 216, 186)` looks like.

```
.text, #text, p{  
    color:rgb(208, 216, 186)  
}
```

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(208, 216, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 216, 186) }
```

Border

The CSS property to change the border of an element to Yxy 66.0668, 0.3273, 0.3639 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(208, 216, 186) }
```

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

```
.border{ border-color:rgb(208, 216, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 216, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 216, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 216, 186);  
box-shadow:4px 4px 4px 4px rgb(208, 216,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 66.0668, 0.3273, 0.3639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 216, 186) }
```

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

```
.background{ background-color: rgb(208,  
216, 186) }
```

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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