

Converting Colors

Yxy(68.7649, 0.3273, 0.3597)

Have a look what the booklet for
Yxy(68.7649, 0.3273, 0.3597)
contains.

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Color

Yxy(68.7649, 0.3273, 0.3597)

Conversions

Conversions Part 1

Format	Color
Hex	D6DBC0
RGB	214, 219, 192
RGB Percent	84%, 86%, 75%
CMY	0.1609, 0.1411, 0.2471
CMYK	0.02, 0.00, 0.12, 0.14
HSL	71°, 27%, 81%
HSV	71°, 12%, 86%
XYZ	62.5709, 68.7649, 59.8371
YIQ	214.4270, 5.6870, -9.4570

Conversions

Conversions Part 2

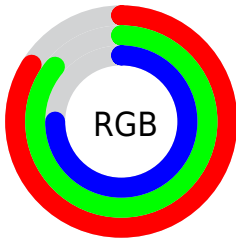
Format	Color
RYB	192, 219, 197
Decimal	14080960
CIELab	86.39, -6.37, 12.71
CIELCh	86, 14.216, 116.607
Yxy	68.7649, 0.3273, 0.3597
Android (android.graphics.Color)	4292271040 (0xFFD6DBC0)
YUV	214.4270, -11.0565, -0.3745
Hunter-Lab	82.9246, -10.4306, 15.2645

Details

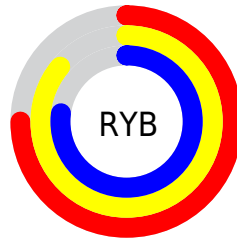
The Yxy color **68.7649, 0.3273, 0.3597** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.6838, 0.2970, 0.2971**, and the grayscale version is **67.6197, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **35.7859, 0.3301, 0.3665** is the 20% darker color. If you saturate the color by 10%, you get **67.2616, 0.3392, 0.3858**, and if you desaturate by 10%, it is **70.4340, 0.3154, 0.3347**.

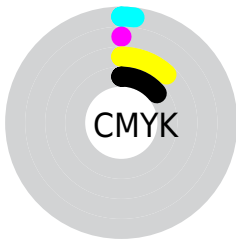
Distribution



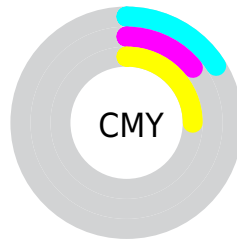
- Red (84%)
- Green (86%)
- Blue (75%)



- Red (75%)
- Yellow (86%)
- Blue (77%)



- Cyan (2%)
- Magenta (0%)
- Yellow (12%)
- Black (14%)




- Cyan (16%)
- Magenta (14%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.7649, 0.3273, 0.3597 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 68.7649, 0.3273, 0.3597 by changing the saturation by 10% instead.

 68.7649, 0.3273,
0.3597

 68.7649, 0.3273,
0.3597


456.2014, 0.3206,
0.3452

 50.5203, 0.3288,
0.3631


 117.4457, 0.3250,
0.3546

 35.8270, 0.3307,
0.3674


148.6507, 0.3241,
0.3526

 24.3006, 0.3331,
0.3728


184.9446, 0.3233,
0.3509

 15.5567, 0.3362,
0.3801

226.7118, 0.3226,
0.3495

 9.2110, 0.3403,
0.3901

274.3366, 0.3220,
0.3482

 4.8791, 0.3462,
0.4051

328.2036, 0.3215,

 2.1765, 0.3549,

0.3471

0.4296

388.6970, 0.3210,
0.3461

0.7071, 0.4222,
0.5778

0.0000, 0.0000,
0.0000

68.7649, 0.3273,
0.3597

68.7649, 0.3273,
0.3597

67.2616, 0.3392,
0.3858

70.4340, 0.3154,
0.3347

65.9088, 0.3509,
0.4123

72.2661, 0.3040,
0.3111

64.7023, 0.3618,
0.4383

74.0952, 0.2947,
0.2919

63.6348, 0.3713,
0.4629

74.7640, 0.2974,
0.2922

62.6980, 0.3790,
0.4849

75.4487, 0.3002,
0.2925

61.8826, 0.3844,
0.5033

76.1493, 0.3030,
0.2928

61.1780, 0.3873,
0.5173

76.8660, 0.3058,
0.2931

60.5714, 0.3875,
0.5267

77.5988, 0.3086,
0.2934

60.1569, 0.3864,
0.5314

78.3478, 0.3114,
0.2937

Harmonies

Analogous

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



68.7649, 0.3411, 0.3568



68.7649, 0.3273, 0.3597



68.7649, 0.3099, 0.3538

Triad

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



68.7649, 0.3273, 0.3597



68.7649, 0.2794, 0.3101



68.7649, 0.3318, 0.3175

Complementary

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



68.7649, 0.3273, 0.3597



54.6838, 0.2970, 0.2971

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.



68.7649, 0.3148, 0.3059



68.7649, 0.3273, 0.3597



68.7649, 0.2848, 0.3014

Square

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



68.7649, 0.3273, 0.3597



68.7649, 0.2825, 0.3245



68.7649, 0.2976, 0.3000



68.7649, 0.3438, 0.3322

Rectangle

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



68.7649, 0.3273, 0.3597



68.7649, 0.2986, 0.3457



68.7649, 0.2976, 0.3000



68.7649, 0.3265, 0.3131

Sweetspot

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



68.7679, 0.3273, 0.3597



99.0015, 0.3174, 0.3388



58.7745, 0.3342, 0.3348



21.1511, 0.3183, 0.3407



0.0000, 0.0000, 0.0000



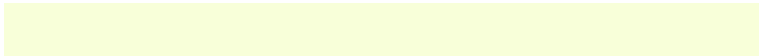
21.4041, 0.3127, 0.3290

Same Dimension

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



68.7679, 0.3273, 0.3597



96.4493, 0.3306, 0.3669



66.8303, 0.3174, 0.3606



15.1348, 0.3238, 0.3523



35.7100, 0.3869, 0.5310



2.3459, 0.3925, 0.5266

Inverse Universe

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



54.6838, 0.2970, 0.2971



72.5452, 0.2931, 0.2893



56.5785, 0.3074, 0.2981



12.7334, 0.3010, 0.3050



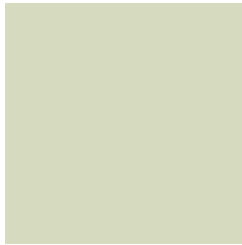
3.3450, 0.1590, 0.0650



0.2517, 0.1738, 0.0731

Previews

White Background



This preview shows how the Yxy color 68.7649, 0.3273, 0.3597 looks on a white background.

Color Contrast Check

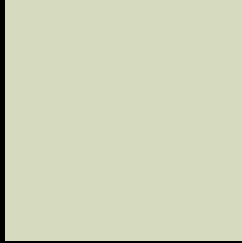
Large Text (above 18pt) WCAG AA × Fail

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 68.7649, 0.3273, 0.3597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

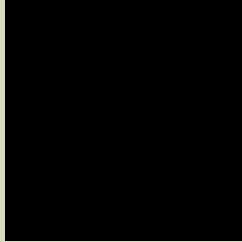
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

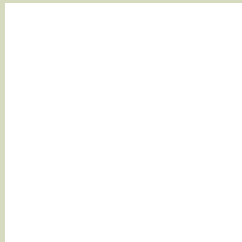
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.7649, 0.3273, 0.3597

Background



This preview shows how black text looks on a background with the Yxy color 68.7649, 0.3273, 0.3597.



This preview shows how white text looks on a background with the Yxy color 68.7649, 0.3273, 0.3597.

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

68.7649, 0.3273, 0.3597

Protanopia

68.4873, 0.3384, 0.3568

Deuteranopia

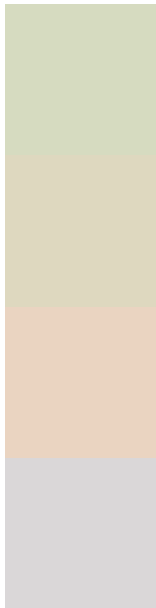
68.4193, 0.3516, 0.3439



Tritanopia

68.5173, 0.3064, 0.3105

Trichromacy



Original Color

68.7649, 0.3273, 0.3597

Protanomaly

68.4029, 0.3345, 0.3570

Deuteranomaly

68.4296, 0.3430, 0.3497

Tritanomaly

68.4642, 0.3142, 0.3279

Monochromacy



Original Color

68.7649, 0.3273, 0.3597

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.8641, 0.3180, 0.3403

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.7649, 0.3273, 0.3597 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(214, 219, 192)` looks like.

```
.text, #text, p{  
    color:rgb(214, 219, 192)  
}
```

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(214, 219, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 219, 192) }
```

Border

The CSS property to change the border of an element to Yxy 68.7649, 0.3273, 0.3597 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(214, 219, 192) }
```

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

```
.border{ border-color:rgb(214, 219, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 219, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 219, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 219, 192);  
box-shadow:4px 4px 4px 4px rgb(214, 219,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 68.7649, 0.3273, 0.3597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 219, 192) }
```

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

```
.background{ background-color: rgb(214,  
219, 192) }
```

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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