

Converting Colors

$Yxy(68.6674, 0.3269, 0.3667)$

Have a look what the booklet for
Yxy(68.6674, 0.3269, 0.3667)
contains.

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Color

Yxy(68.5189, 0.3269, 0.3657)

Conversions

Conversions Part 1

Format	Color
Hex	D2DCBC
RGB	210, 220, 188
RGB Percent	82%, 86%, 74%
CMY	0.1765, 0.1372, 0.2626
CMYK	0.05, 0.00, 0.15, 0.14
HSL	79°, 31%, 80%
HSV	79°, 15%, 86%
XYZ	61.2492, 68.5189, 57.5956
YIQ	213.3620, 4.3120, -12.0720

Conversions

Conversions Part 2

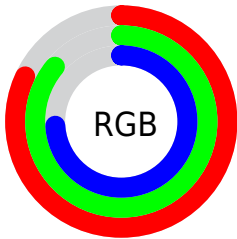
Format	Color
RYB	188, 220, 198
Decimal	13819068
CIELab	86.27, -8.92, 14.57
CIELCh	86, 17.087, 121.486
Yxy	68.5189, 0.3269, 0.3657
Android (android.graphics.Color)	4292009148 (0xFFD2DCBC)
YUV	213.3620, -12.5035, -2.9485
Hunter-Lab	82.7761, -12.7794, 16.6894

Details

The Yxy color **68.5189, 0.3269, 0.3657** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.1645, 0.2971, 0.2913**, and the grayscale version is **66.8798, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3117, 0.3191, 0.3396**, and **35.6281, 0.3295, 0.3746** is the 20% darker color. If you saturate the color by 10%, you get **66.6537, 0.3366, 0.3927**, and if you desaturate by 10%, it is **70.5784, 0.3171, 0.3401**.

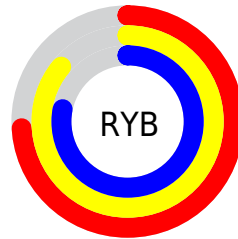
Distribution



Red (82%)

Green (86%)

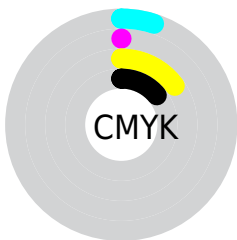
Blue (74%)



Red (74%)

Yellow (86%)

Blue (78%)

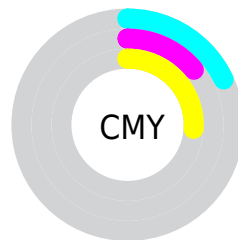


Cyan (5%)

Magenta (0%)

Yellow (15%)

Black (14%)



Cyan (18%)


Magenta (14%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.5189, 0.3269, 0.3657 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 68.5189, 0.3269, 0.3657 by changing the saturation by 10% instead.

 68.5189, 0.3269,
0.3657

 68.5189, 0.3269,
0.3657

455.3323, 0.3204,
0.3482

 50.3200, 0.3284,
0.3698


 117.0942, 0.3247,
0.3595

 35.6677, 0.3301,
0.3749


148.2393, 0.3238,
0.3572

 24.1777, 0.3324,
0.3816


184.4687, 0.3230,
0.3552

 15.4655, 0.3352,
0.3904

226.1666, 0.3224,
0.3534

 9.1467, 0.3390,
0.4027

273.7176, 0.3218,
0.3519

 4.8370, 0.3442,
0.4210

327.5059, 0.3213,

 2.1519, 0.3514,

0.3505

387.9160, 0.3208,
0.3493

0.4511

0.6936, 0.3889,
0.6111

0.0000, 0.0000,
0.0000

68.5189, 0.3269,
0.3657

68.5189, 0.3269,
0.3657

66.6537, 0.3366,
0.3927

70.5784, 0.3171,
0.3401

64.9667, 0.3459,
0.4204

72.8297, 0.3075,
0.3161

63.4533, 0.3542,
0.4479

75.2823, 0.2983,
0.2942

62.1053, 0.3611,
0.4743

76.5117, 0.3023,
0.2937

■ 60.9137, 0.3661,
0.4981

■ 77.7252, 0.3070,
0.2942

■ 59.8684, 0.3687,
0.5183

■ 78.9849, 0.3118,
0.2947

■ 58.9578, 0.3688,
0.5339

■ 79.6695, 0.3143,
0.2950

■ 58.1679, 0.3664,
0.5445

■ 57.7744, 0.3645,
0.5488

Harmonies

Analogous

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



68.5189, 0.3446, 0.3637



68.5189, 0.3269, 0.3657



68.5189, 0.3058, 0.3570

Triad

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



68.5189, 0.3269, 0.3657



68.5189, 0.2732, 0.3039



68.5189, 0.3386, 0.3179

Complementary

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



68.5189, 0.3269, 0.3657



53.1645, 0.2971, 0.2913

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.



68.5189, 0.3187, 0.3032



68.5189, 0.3269, 0.3657



68.5189, 0.2812, 0.2950

Square

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



68.5189, 0.3269, 0.3657



68.5189, 0.2752, 0.3203



68.5189, 0.2977, 0.2949



68.5189, 0.3517, 0.3356

Rectangle

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



68.5189, 0.3269, 0.3657



68.5189, 0.2927, 0.3463



68.5189, 0.2977, 0.2949



68.5189, 0.3325, 0.3125

Sweetspot

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



68.5219, 0.3269, 0.3657



98.7591, 0.3166, 0.3388



59.0681, 0.3380, 0.3401



21.0896, 0.3174, 0.3407



0.0000, 0.0000, 0.0000



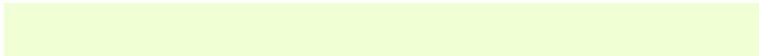
21.4041, 0.3127, 0.3290

Same Dimension

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



68.5219, 0.3269, 0.3657



95.0297, 0.3295, 0.3726



66.3487, 0.3155, 0.3670



15.0486, 0.3219, 0.3524



33.9669, 0.3653, 0.5482



2.2456, 0.3743, 0.5410

Inverse Universe

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



53.1645, 0.2971, 0.2913



70.1776, 0.2939, 0.2840



55.3889, 0.3093, 0.2927



12.8142, 0.3029, 0.3052



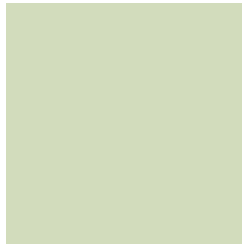
3.8264, 0.1723, 0.0723



0.2929, 0.1902, 0.0821

Previews

White Background



This preview shows how the Yxy color 68.5189, 0.3269, 0.3657 looks on a white background.

Color Contrast Check

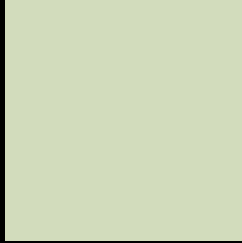
Large Text (above 18pt) WCAG AA × Fail

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 68.5189, 0.3269, 0.3657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

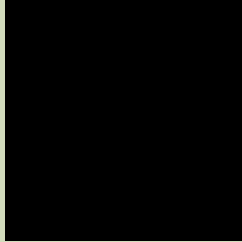
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

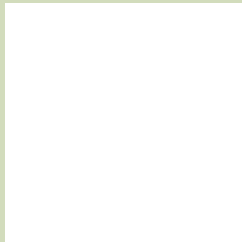
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.5189, 0.3269, 0.3657

Background



This preview shows how black text looks on a background with the Yxy color 68.5189, 0.3269, 0.3657.

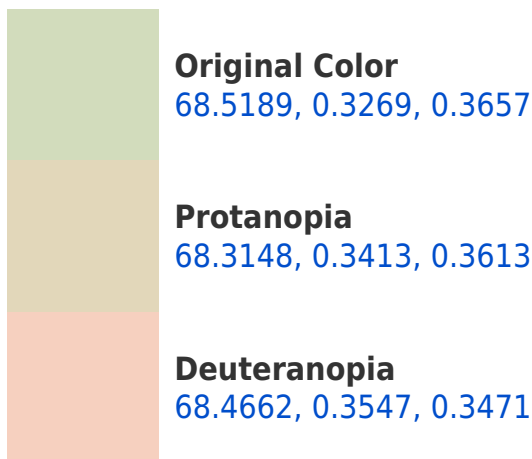


This preview shows how white text looks on a background with the Yxy color 68.5189, 0.3269, 0.3657.

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

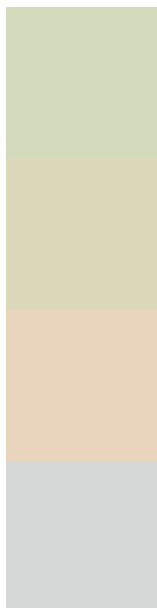




Tritanopia

68.4616, 0.3028, 0.3104

Trichromacy



Original Color

68.5189, 0.3269, 0.3657

Protanomaly

68.4292, 0.3356, 0.3628

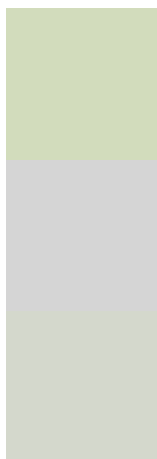
Deuteranomaly

68.1283, 0.3444, 0.3531

Tritanomaly

68.3142, 0.3119, 0.3301

Monochromacy



Original Color

68.5189, 0.3269, 0.3657

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

67.4684, 0.3179, 0.3426

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.5189, 0.3269, 0.3657 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(210, 220, 188)` looks like.

```
.text, #text, p{  
    color:rgb(210, 220, 188)  
}
```

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(210, 220, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 220, 188) }
```

Border

The CSS property to change the border of an element to Yxy 68.5189, 0.3269, 0.3657 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(210, 220, 188) }
```

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

```
.border{ border-color:rgb(210, 220, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 220, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 220, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 220, 188);  
box-shadow:4px 4px 4px 4px rgb(210, 220,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 68.5189, 0.3269, 0.3657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 220, 188) }
```

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

```
.background{ background-color: rgb(210,  
220, 188) }
```

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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