

Converting Colors

$Yxy(69.0593, 0.3359, 0.3669)$

Have a look what the booklet for
Yxy(69.0593, 0.3359, 0.3669)
contains.

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Color

Yxy(69.2259, 0.3359, 0.3673)

Conversions

Conversions Part 1

Format	Color
Hex	DBDBB9
RGB	219, 219, 185
RGB Percent	86%, 86%, 73%
CMY	0.1411, 0.1412, 0.2744
CMYK	0.00, 0.00, 0.16, 0.14
HSL	60°, 32%, 79%
HSV	60°, 16%, 86%
XYZ	63.3079, 69.2259, 55.9386
YIQ	215.1240, 10.9140, -10.5740

Conversions

Conversions Part 2

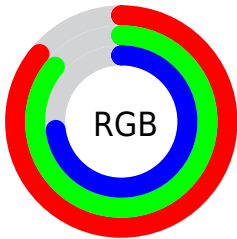
Format	Color
RYB	185, 219, 185
Decimal	14408633
CIELab	86.62, -5.65, 16.74
CIELCh	87, 17.669, 108.648
Yxy	69.2259, 0.3359, 0.3673
Android (android.graphics.Color)	4292598713 (0xFFDBDBB9)
YUV	215.1240, -14.8511, 3.3993
Hunter-Lab	83.2021, -9.7843, 18.3795

Details

The Yxy color **69.2259, 0.3359, 0.3673** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.1508, 0.2877, 0.2876**, and the grayscale version is **68.1448, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1309, 0.3209, 0.3425**, and **36.1094, 0.3414, 0.3764** is the 20% darker color. If you saturate the color by 10%, you get **68.3674, 0.3511, 0.3924**, and if you desaturate by 10%, it is **70.2330, 0.3208, 0.3424**.

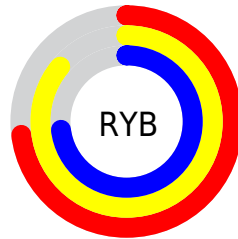
Distribution



Red (86%)

Green (86%)

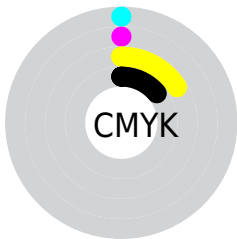
Blue (73%)



Red (73%)

Yellow (86%)

Blue (73%)

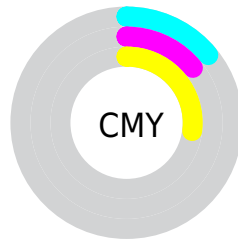


Cyan (0%)

Magenta (0%)

Yellow (16%)

Black (14%)



Cyan (14%)


Magenta (14%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.2259, 0.3359, 0.3673 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 69.2259, 0.3359, 0.3673 by changing the saturation by 10% instead.


 69.2259, 0.3359,
0.3673

 69.2259, 0.3359,
0.3673


457.8273, 0.3252,
0.3492

 50.8957, 0.3383,
0.3715


 118.1042, 0.3322,
0.3610

 36.1256, 0.3413,
0.3768


149.4210, 0.3308,
0.3585

 24.5312, 0.3451,
0.3835


185.8356, 0.3295,
0.3564

 15.7281, 0.3500,
0.3923

227.7322, 0.3284,
0.3546

 9.3320, 0.3565,
0.4046

275.4953, 0.3275,
0.3530

 4.9584, 0.3657,
0.4225

329.5092, 0.3266,

 2.2228, 0.3794,

0.3516

0.4515

390.1584, 0.3259,
0.3503

0.7324, 0.4325,
0.5675

0.0000, 0.0000,
0.0000

69.2259, 0.3359,
0.3673

69.2259, 0.3359,
0.3673

68.3674, 0.3511,
0.3924

70.2330, 0.3208,
0.3424

67.6418, 0.3660,
0.4170

71.3857, 0.3063,
0.3184

67.0453, 0.3799,
0.4400

72.6926, 0.2925,
0.2956

66.5701, 0.3923,
0.4605

72.9709, 0.2899,
0.2914

66.2078, 0.4027,
0.4776

72.9773, 0.2899,
0.2914

65.9490, 0.4106,
0.4907

72.9838, 0.2899,
0.2914

65.7825, 0.4159,
0.4994

72.9903, 0.2899,
0.2914

65.6948, 0.4187,
0.5040

72.9968, 0.2899,
0.2914

65.6704, 0.4194,
0.5052

73.0032, 0.2899,
0.2914

Harmonies

Analogous

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



69.2259, 0.3510, 0.3607



69.2259, 0.3359, 0.3673



69.2259, 0.3149, 0.3630

Triad

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



69.2259, 0.3359, 0.3673



69.2259, 0.2716, 0.3096



69.2259, 0.3311, 0.3105

Complementary

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



69.2259, 0.3359, 0.3673



50.1508, 0.2877, 0.2876

Split Complementary

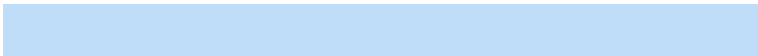
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.2259, 0.3093, 0.2978



69.2259, 0.3359, 0.3673



69.2259, 0.2755, 0.2968

Square

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



69.2259, 0.3359, 0.3673



69.2259, 0.2782, 0.3286



69.2259, 0.2891, 0.2928



69.2259, 0.3483, 0.3278

Rectangle

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



69.2259, 0.3359, 0.3673



69.2259, 0.3005, 0.3543



69.2259, 0.2891, 0.2928



69.2259, 0.3241, 0.3056

Sweetspot

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



69.2290, 0.3359, 0.3673



99.2012, 0.3201, 0.3412



53.3003, 0.3413, 0.3284



21.2100, 0.3212, 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.



69.2290, 0.3359, 0.3673



97.2455, 0.3414, 0.3765



66.8151, 0.3236, 0.3688



15.2626, 0.3267, 0.3521



38.9330, 0.4194, 0.5052



2.5227, 0.4194, 0.5052

Inverse Universe

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



50.1508, 0.2877, 0.2876



64.8418, 0.2811, 0.2767



52.3058, 0.3004, 0.2891



12.6184, 0.2981, 0.3048



3.0348, 0.1500, 0.0600



0.1970, 0.1501, 0.0602

Previews

White Background



This preview shows how the Yxy color 69.2259, 0.3359, 0.3673 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 69.2259, 0.3359, 0.3673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

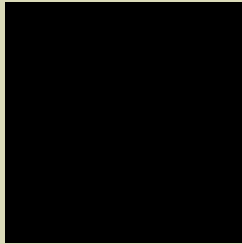
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

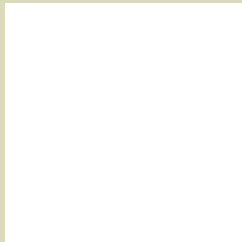
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.2259, 0.3359, 0.3673

Background



This preview shows how black text looks on a background with the Yxy color 69.2259, 0.3359, 0.3673.



This preview shows how white text looks on a background with the Yxy color 69.2259, 0.3359, 0.3673.

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

69.2259, 0.3359, 0.3673

Protanopia

69.0664, 0.3441, 0.3644

Deuteranopia

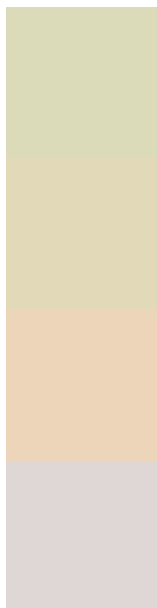
69.1452, 0.3591, 0.3523



Tritanopia

69.2532, 0.3106, 0.3118

Trichromacy



Original Color

69.2259, 0.3359, 0.3673

Protanomaly

69.0940, 0.3415, 0.3658

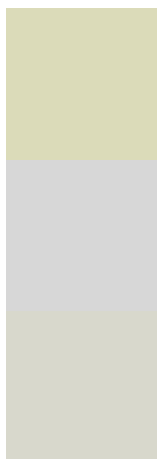
Deuteranomaly

69.1382, 0.3502, 0.3583

Tritanomaly

69.0929, 0.3199, 0.3312

Monochromacy



Original Color

69.2259, 0.3359, 0.3673

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.0703, 0.3209, 0.3425

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.2259, 0.3359, 0.3673 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(219, 219, 185)` looks like.

```
.text, #text, p{  
    color:rgb(219, 219, 185)  
}
```

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(219, 219, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 219, 185) }
```

Border

The CSS property to change the border of an element to Yxy 69.2259, 0.3359, 0.3673 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(219, 219, 185) }
```

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

```
.border{ border-color:rgb(219, 219, 185) }
```

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

Here you see how a box with a 4 pixel rgb(219, 219, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 219, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 219, 185);  
box-shadow:4px 4px 4px 4px rgb(219, 219,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 69.2259, 0.3359, 0.3673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 219, 185) }
```

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

```
.background{ background-color: rgb(219,  
219, 185) }
```

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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