

Converting Colors

$Yxy(69.1934, 0.3509, 0.3856)$

Have a look what the booklet for
Yxy(69.1934, 0.3509, 0.3856)
contains.

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Color

Yxy(69.1782, 0.3508, 0.3863)

Conversions

Conversions Part 1

Format	Color
Hex	DFDBA8
RGB	223, 219, 168
RGB Percent	87%, 86%, 66%
CMY	0.1256, 0.1411, 0.3412
CMYK	0.00, 0.02, 0.25, 0.13
HSL	56°, 46%, 77%
HSV	56°, 25%, 87%
XYZ	62.8209, 69.1782, 47.0799
YIQ	214.3820, 18.7550, -15.0130

Conversions

Conversions Part 2

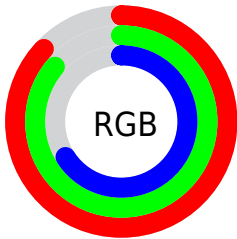
Format	Color
RYB	172, 223, 168
Decimal	14670760
CIELab	86.59, -6.67, 25.65
CIELCh	87, 26.500, 104.579
Yxy	69.1782, 0.3508, 0.3863
Android (android.graphics.Color)	4292860840 (0xFFDFDBA8)
YUV	214.3820, -22.8663, 7.5580
Hunter-Lab	83.1734, -10.7325, 24.6606

Details

The Yxy color **69.1782, 0.3508, 0.3863** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.1273, 0.2710, 0.2644**, and the grayscale version is **67.6613, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1077, 0.3315, 0.3601**, and **36.0274, 0.3590, 0.3996** is the 20% darker color. If you saturate the color by 10%, you get **67.5897, 0.3667, 0.4096**, and if you desaturate by 10%, it is **70.9234, 0.3350, 0.3627**.

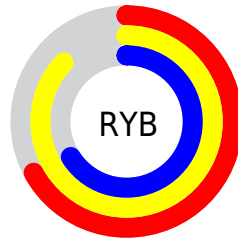
Distribution



Red (87%)

Green (86%)

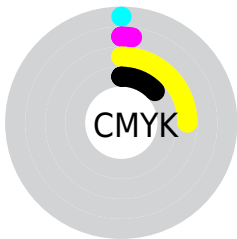
Blue (66%)



Red (67%)

Yellow (87%)

Blue (66%)

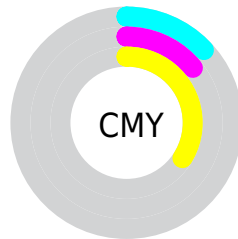


Cyan (0%)

Magenta (2%)

Yellow (25%)

Black (13%)



Cyan (13%)


Magenta (14%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.1782, 0.3508, 0.3863 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 69.1782, 0.3508, 0.3863 by changing the saturation by 10% instead.


 69.1782, 0.3508,
0.3863


 69.1782, 0.3508,
0.3863

457.6592, 0.3333,
0.3593

 50.8569, 0.3547,
0.3925


 118.0361, 0.3448,
0.3769

 36.0947, 0.3595,
0.4003


 149.3414, 0.3424,
0.3732

 24.5073, 0.3654,
0.4101


185.7434, 0.3404,
0.3701

 15.7104, 0.3730,
0.4230

227.6267, 0.3386,
0.3673

 9.3195, 0.3827,
0.4404

275.3755, 0.3371,
0.3650

 4.9501, 0.3955,
0.4650

329.3742, 0.3357,

 2.2180, 0.4290,

0.3628

0.5223

390.0074, 0.3344,
0.3610

0.7298, 0.4211,
0.5789

0.0000, 0.0000,
0.0000

69.1782, 0.3508,
0.3863

69.1782, 0.3508,
0.3863

67.5897, 0.3667,
0.4096

70.9234, 0.3350,
0.3627

66.1414, 0.3820,
0.4317

72.8227, 0.3196,
0.3395

64.8283, 0.3962,
0.4516

74.8856, 0.3050,
0.3172

63.6417, 0.4086,
0.4684

76.9775, 0.2927,
0.2984

62.5719, 0.4187,
0.4812

77.8484, 0.2927,
0.3001

61.6072, 0.4261,
0.4897

78.7275, 0.2928,
0.3018

60.7339, 0.4309,
0.4937

79.6147, 0.2928,
0.3034

60.2925, 0.4326,
0.4947

80.5100, 0.2929,
0.3051

81.4136, 0.2929,
0.3068

Harmonies

Analogous

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



69.1782, 0.3721, 0.3733



69.1782, 0.3508, 0.3863



69.1782, 0.3199, 0.3829

Triad

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



69.1782, 0.3508, 0.3863



69.1782, 0.2524, 0.3027



69.1782, 0.3359, 0.2986

Complementary

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



69.1782, 0.3508, 0.3863



43.1273, 0.2710, 0.2644

Split Complementary

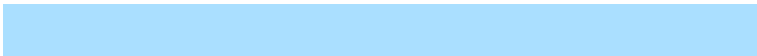
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.1782, 0.3028, 0.2816



69.1782, 0.3508, 0.3863



69.1782, 0.2560, 0.2827

Square

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



69.1782, 0.3508, 0.3863



69.1782, 0.2638, 0.3321



69.1782, 0.2740, 0.2756



69.1782, 0.3636, 0.3230

Rectangle

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



69.1782, 0.3508, 0.3863



69.1782, 0.2983, 0.3709



69.1782, 0.2740, 0.2756



69.1782, 0.3250, 0.2919

Sweetspot

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



69.1813, 0.3508, 0.3863



98.0890, 0.3232, 0.3450



46.6826, 0.3601, 0.3237



20.9609, 0.3242, 0.3464



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.



69.1813, 0.3508, 0.3863



92.5632, 0.3597, 0.3994



67.8687, 0.3325, 0.3940



15.8524, 0.3269, 0.3505



35.5356, 0.4324, 0.4949



2.5142, 0.4302, 0.4966

Inverse Universe

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



43.1273, 0.2710, 0.2644



51.0200, 0.2601, 0.2473



44.3884, 0.2887, 0.2627



13.4004, 0.2981, 0.3065



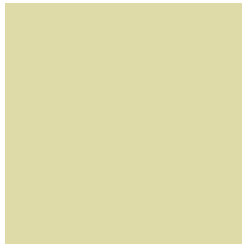
3.4109, 0.1513, 0.0648



0.2926, 0.1551, 0.0781

Previews

White Background



This preview shows how the Yxy color 69.1782, 0.3508, 0.3863 looks on a white background.

Color Contrast Check

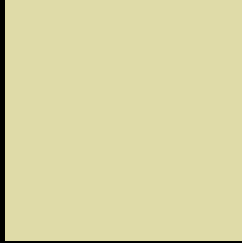
Large Text (above 18pt) WCAG AA × Fail

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 69.1782, 0.3508, 0.3863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

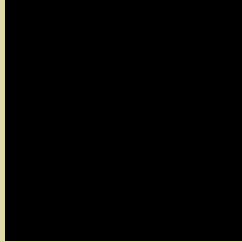
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

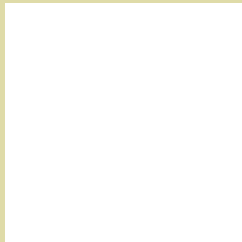
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.1782, 0.3508, 0.3863

Background



This preview shows how black text looks on a background with the Yxy color 69.1782, 0.3508, 0.3863.



This preview shows how white text looks on a background with the Yxy color 69.1782, 0.3508, 0.3863.

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

69.1782, 0.3508, 0.3863

Protanopia

68.8907, 0.3586, 0.3831

Deuteranopia

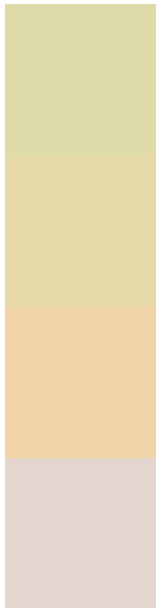
68.8967, 0.3764, 0.3687



Tritanopia

69.1789, 0.3158, 0.3109

Trichromacy



Original Color

69.1782, 0.3508, 0.3863

Protanomaly

68.9097, 0.3559, 0.3846

Deuteranomaly

68.8288, 0.3670, 0.3752

Tritanomaly

69.0433, 0.3287, 0.3378

Monochromacy



Original Color

69.1782, 0.3508, 0.3863

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.8947, 0.3265, 0.3504

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.1782, 0.3508, 0.3863 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(223, 219, 168)` looks like.

```
.text, #text, p{  
    color:rgb(223, 219, 168)  
}
```

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(223, 219, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 219, 168) }
```

Border

The CSS property to change the border of an element to Yxy 69.1782, 0.3508, 0.3863 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(223, 219, 168) }
```

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

```
.border{ border-color:rgb(223, 219, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 219, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 219, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 219, 168); box-shadow:4px 4px 4px 4px rgb(223, 219, 168) }
```


Background

The CSS property to change the background color of an element to Yxy 69.1782, 0.3508, 0.3863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 219, 168) }
```

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

```
.background{ background-color: rgb(223,  
219, 168) }
```

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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