

Converting Colors

$Yxy(66.8862, 0.3405, 0.3724)$

Have a look what the booklet for
Yxy(66.8862, 0.3405, 0.3724)
contains.

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Color

Yxy(67.0778, 0.3398, 0.3724)

Conversions

Conversions Part 1

Format	Color
Hex	D9D8B2
RGB	217, 216, 178
RGB Percent	85%, 85%, 70%
CMY	0.1490, 0.1529, 0.3020
CMYK	0.00, 0.00, 0.18, 0.15
HSL	58°, 34%, 77%
HSV	58°, 18%, 85%
XYZ	61.2058, 67.0778, 51.8394
YIQ	211.9670, 12.7940, -11.6060

Conversions

Conversions Part 2

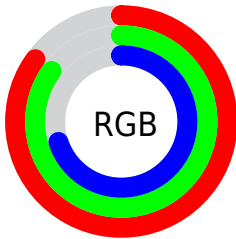
Format	Color
RYB	179, 217, 178
Decimal	14276786
CIELab	85.54, -5.91, 18.90
CIElCh	86, 19.808, 107.371
Yxy	67.0778, 0.3398, 0.3724
Android (android.graphics.Color)	4292466866 (0xFFD9D8B2)
YUV	211.9670, -16.7457, 4.4139
Hunter-Lab	81.9010, -9.9313, 19.8030

Details

The Yxy color **67.0778, 0.3398, 0.3724** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.7098, 0.2833, 0.2816**, and the grayscale version is **65.9234, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7205, 0.3250, 0.3493**, and **34.6518, 0.3466, 0.3832** is the 20% darker color. If you saturate the color by 10%, you get **65.9954, 0.3552, 0.3969**, and if you desaturate by 10%, it is **68.3050, 0.3245, 0.3480**.

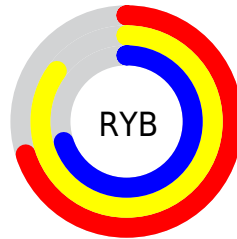
Distribution



Red (85%)

Green (85%)

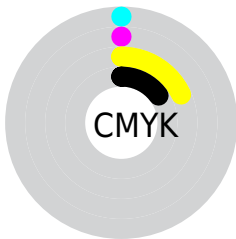
Blue (70%)



Red (70%)

Yellow (85%)

Blue (70%)

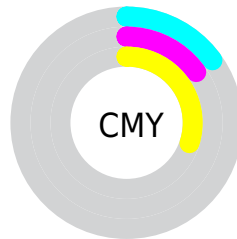


Cyan (0%)

Magenta (0%)

Yellow (18%)

Black (15%)



Cyan (15%)

Magenta (15%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.0778, 0.3398, 0.3724 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 67.0778, 0.3398, 0.3724 by changing the saturation by 10% instead.

■ 67.0778, 0.3398,
0.3724

■ 67.0778, 0.3398,
0.3724

450.2217, 0.3272,
0.3518

■ 49.1479, 0.3427,
0.3772

■ 115.0319, 0.3354,
0.3652

■ 34.7368, 0.3462,
0.3832

145.8248, 0.3338,
0.3624

■ 23.4602, 0.3506,
0.3910

181.6742, 0.3323,
0.3600

■ 14.9337, 0.3564,
0.4012

222.9644, 0.3310,
0.3579

■ 8.7728, 0.3640,
0.4153

270.0799, 0.3299,
0.3561

■ 4.5933, 0.3747,
0.4360

323.4050, 0.3289,

■ 2.0107, 0.3949,

0.3545

0.4748

383.3241, 0.3280,
0.3531

0.6137, 0.4170,
0.5830

0.0000, 0.0000,
0.0000

67.0778, 0.3398,
0.3724

67.0778, 0.3398,
0.3724

65.9954, 0.3552,
0.3969

68.3050, 0.3245,
0.3480

65.0423, 0.3702,
0.4207

69.6741, 0.3098,
0.3243

64.2147, 0.3843,
0.4429

71.1938, 0.2958,
0.3018

63.5047, 0.3969,
0.4624

72.2221, 0.2886,
0.2903

62.9041, 0.4073,
0.4784

72.5084, 0.2886,
0.2909

62.4031, 0.4153,
0.4902

72.7956, 0.2886,
0.2915

61.9905, 0.4205,
0.4977

73.0838, 0.2886,
0.2921

61.6501, 0.4234,
0.5012

73.3729, 0.2887,
0.2927

61.5848, 0.4238,
0.5017

73.6630, 0.2887,
0.2933

Harmonies

Analogous

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



67.0778, 0.3566, 0.3642



67.0778, 0.3398, 0.3724



67.0778, 0.3162, 0.3682

Triad

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



67.0778, 0.3398, 0.3724



67.0778, 0.2664, 0.3077



67.0778, 0.3326, 0.3073

Complementary

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



67.0778, 0.3398, 0.3724



46.7098, 0.2833, 0.2816

Split Complementary

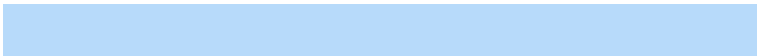
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.0778, 0.3077, 0.2935



67.0778, 0.3398, 0.3724



67.0778, 0.2703, 0.2930

Square

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



67.0778, 0.3398, 0.3724



67.0778, 0.2743, 0.3294



67.0778, 0.2851, 0.2881



67.0778, 0.3525, 0.3267

Rectangle

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



67.0778, 0.3398, 0.3724



67.0778, 0.2998, 0.3586



67.0778, 0.2851, 0.2881



67.0778, 0.3245, 0.3019

Sweetspot

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



67.0808, 0.3398, 0.3724



98.9997, 0.3201, 0.3409



49.8583, 0.3462, 0.3276



21.1608, 0.3212, 0.3426



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.



67.0808, 0.3398, 0.3724



95.9944, 0.3463, 0.3828



64.9524, 0.3257, 0.3755



15.2042, 0.3267, 0.3515



37.3067, 0.4238, 0.5017



2.4352, 0.4230, 0.5023

Inverse Universe

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



46.7098, 0.2833, 0.2816



60.8067, 0.2755, 0.2689



48.6122, 0.2977, 0.2823



12.6698, 0.2981, 0.3054



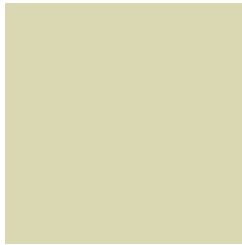
3.1281, 0.1505, 0.0617



0.2217, 0.1519, 0.0669

Previews

White Background



This preview shows how the Yxy color 67.0778, 0.3398, 0.3724 looks on a white background.

Color Contrast Check

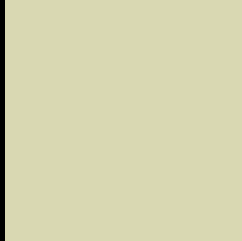
Large Text (above 18pt) WCAG AA × Fail

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 67.0778, 0.3398, 0.3724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

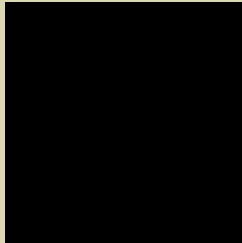
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

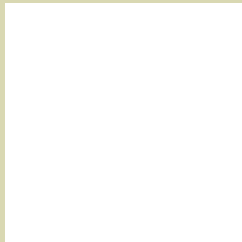
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.0778, 0.3398, 0.3724

Background



This preview shows how black text looks on a background with the Yxy color 67.0778, 0.3398, 0.3724.



This preview shows how white text looks on a background with the Yxy color 67.0778, 0.3398, 0.3724.

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

67.0778, 0.3398, 0.3724

Protanopia

66.9316, 0.3482, 0.3694

Deuteranopia

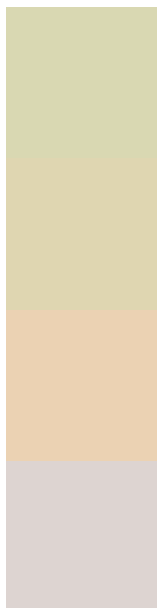
67.0307, 0.3636, 0.3568



Tritanopia

66.7799, 0.3114, 0.3105

Trichromacy



Original Color

67.0778, 0.3398, 0.3724

Protanomaly

66.9554, 0.3456, 0.3707

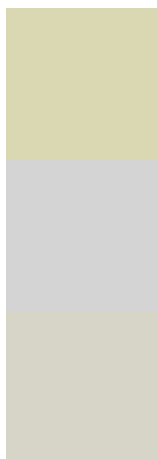
Deuteranomaly

67.0100, 0.3545, 0.3630

Tritanomaly

67.0626, 0.3215, 0.3324

Monochromacy



Original Color

67.0778, 0.3398, 0.3724

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.0548, 0.3224, 0.3438

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.0778, 0.3398, 0.3724 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(217, 216, 178)` looks like.

```
.text, #text, p{  
    color:rgb(217, 216, 178)  
}
```

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(217, 216, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 216, 178) }
```

Border

The CSS property to change the border of an element to Yxy 67.0778, 0.3398, 0.3724 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(217, 216, 178) }
```

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

```
.border{ border-color:rgb(217, 216, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 216, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 216, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 216, 178); box-shadow:4px 4px 4px 4px rgb(217, 216, 178) }
```


Background

The CSS property to change the background color of an element to Yxy 67.0778, 0.3398, 0.3724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 216, 178) }
```

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

```
.background{ background-color: rgb(217,  
216, 178) }
```

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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