

Converting Colors

$Y_{xy}(67.1835, 0.3420, 0.3740)$

Have a look what the booklet for
Yxy(67.1835, 0.3420, 0.3740)
contains.

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Color

Yxy(67.1517, 0.3420, 0.3746)

Conversions

Conversions Part 1

Format	Color
Hex	DAD8B0
RGB	218, 216, 176
RGB Percent	85%, 85%, 69%
CMY	0.1451, 0.1529, 0.3098
CMYK	0.00, 0.01, 0.19, 0.15
HSL	57°, 36%, 77%
HSV	57°, 19%, 85%
XYZ	61.3077, 67.1517, 50.8030
YIQ	212.0380, 14.0320, -12.0160

Conversions

Conversions Part 2

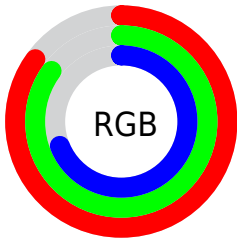
Format	Color
RYB	178, 218, 176
Decimal	14342320
CIELab	85.58, -5.84, 20.02
CIELCh	86, 20.850, 106.252
Yxy	67.1517, 0.3420, 0.3746
Android (android.graphics.Color)	4292532400 (0xFFDAD8B0)
YUV	212.0380, -17.7667, 5.2287
Hunter-Lab	81.9461, -9.8615, 20.6051

Details

The Yxy color **67.1517, 0.3420, 0.3746** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.1359, 0.2810, 0.2789**, and the grayscale version is **65.9806, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6062, 0.3262, 0.3513**, and **34.7063, 0.3495, 0.3860** is the 20% darker color. If you saturate the color by 10%, you get **65.8276, 0.3576, 0.3986**, and if you desaturate by 10%, it is **68.6238, 0.3265, 0.3506**.

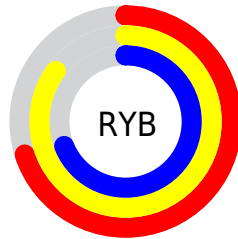
Distribution



Red (85%)

Green (85%)

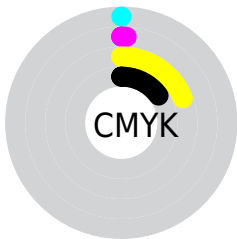
Blue (69%)



Red (70%)

Yellow (85%)

Blue (69%)

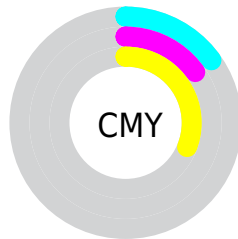


Cyan (0%)

Magenta (1%)

Yellow (19%)

Black (15%)



Cyan (15%)

Magenta (15%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.1517, 0.3420, 0.3746 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 67.1517, 0.3420, 0.3746 by changing the saturation by 10% instead.

■ 67.1517, 0.3420,
0.3746

■ 67.1517, 0.3420,
0.3746

450.4846, 0.3284,
0.3530

■ 49.2079, 0.3451,
0.3797

■ 115.1378, 0.3373,
0.3670

■ 34.7844, 0.3489,
0.3860

145.9488, 0.3355,
0.3641

■ 23.4969, 0.3537,
0.3940

181.8178, 0.3339,
0.3616

■ 14.9608, 0.3598,
0.4047

223.1290, 0.3325,
0.3594

■ 8.7919, 0.3681,
0.4194

270.2669, 0.3313,
0.3575

■ 4.6057, 0.3794,
0.4408

323.6159, 0.3302,

■ 2.0178, 0.4025,

0.3558

0.4830

383.5603, 0.3293,
0.3543

0.6178, 0.4186,
0.5814

0.0000, 0.0000,
0.0000

67.1517, 0.3420,
0.3746

67.1517, 0.3420,
0.3746

65.8276, 0.3576,
0.3986

68.6238, 0.3265,
0.3506

64.6358, 0.3729,
0.4219


70.2410, 0.3117,
0.3273


63.5723, 0.3873,
0.4434


72.0122, 0.2976,
0.3052


62.6292, 0.4002,
0.4623


73.4031, 0.2893,
0.2925

 61.7977, 0.4109,
0.4776


 73.9524, 0.2893,
0.2936

 61.0681, 0.4191,
0.4886


 74.5051, 0.2894,
0.2947


 60.4285, 0.4246,
0.4953

 75.0612, 0.2894,
0.2958

 59.8598, 0.4278,
0.4982

 75.6207, 0.2895,
0.2970

 59.8193, 0.4280,
0.4984

 76.1837, 0.2895,
0.2981

Harmonies

Analogous

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



67.1517, 0.3593, 0.3655



67.1517, 0.3420, 0.3746



67.1517, 0.3173, 0.3708

Triad

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



67.1517, 0.3420, 0.3746



67.1517, 0.2642, 0.3073



67.1517, 0.3326, 0.3056

Complementary

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



67.1517, 0.3420, 0.3746



46.1359, 0.2810, 0.2789

Split Complementary

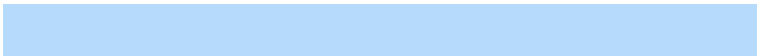
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.1517, 0.3065, 0.2913



67.1517, 0.3420, 0.3746



67.1517, 0.2678, 0.2915

Square

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



67.1517, 0.3420, 0.3746



67.1517, 0.2728, 0.3303



67.1517, 0.2829, 0.2861



67.1517, 0.3540, 0.3257

Rectangle

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



67.1517, 0.3420, 0.3746



67.1517, 0.3001, 0.3609



67.1517, 0.2829, 0.2861



67.1517, 0.3241, 0.3000

Sweetspot

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



67.1547, 0.3420, 0.3746



98.5877, 0.3217, 0.3430



49.1756, 0.3486, 0.3266



21.0699, 0.3227, 0.3446



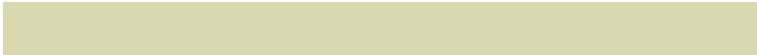
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



67.1547, 0.3420, 0.3746



95.0059, 0.3481, 0.3841



65.4394, 0.3272, 0.3790



15.1516, 0.3268, 0.3510



35.8806, 0.4279, 0.4985



2.3581, 0.4263, 0.4997

Inverse Universe

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



46.1359, 0.2810, 0.2789



59.9202, 0.2737, 0.2672



47.7020, 0.2959, 0.2786



12.7165, 0.2981, 0.3060



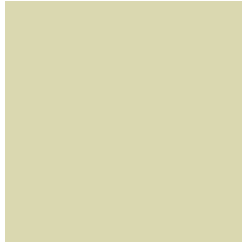
3.2126, 0.1509, 0.0632



0.2441, 0.1536, 0.0728

Previews

White Background



This preview shows how the Yxy color 67.1517, 0.3420, 0.3746 looks on a white background.

Color Contrast Check

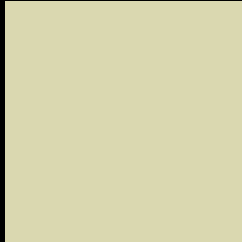
Large Text (above 18pt) WCAG AA × Fail

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 67.1517, 0.3420, 0.3746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

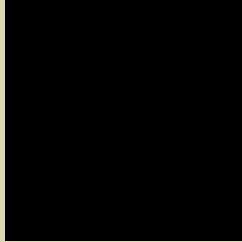
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

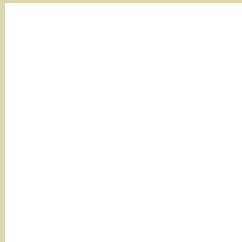
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.1517, 0.3420, 0.3746

Background



This preview shows how black text looks on a background with the Yxy color 67.1517, 0.3420, 0.3746.



This preview shows how white text looks on a background with the Yxy color 67.1517, 0.3420, 0.3746.

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

67.1517, 0.3420, 0.3746

Protanopia

66.8524, 0.3496, 0.3716

Deuteranopia

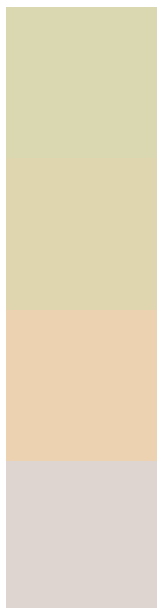
67.1311, 0.3660, 0.3589



Tritanopia

67.0995, 0.3128, 0.3106

Trichromacy



Original Color

67.1517, 0.3420, 0.3746

Protanomaly

66.8763, 0.3470, 0.3730

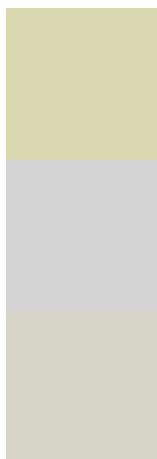
Deuteranomaly

67.1004, 0.3568, 0.3651

Tritanomaly

67.1706, 0.3229, 0.3335

Monochromacy



Original Color

67.1517, 0.3420, 0.3746

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.0082, 0.3231, 0.3449

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.1517, 0.3420, 0.3746 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(218, 216, 176)` looks like.

```
.text, #text, p{  
    color:rgb(218, 216, 176)  
}
```

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(218, 216, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 216, 176) }
```

Border

The CSS property to change the border of an element to Yxy 67.1517, 0.3420, 0.3746 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(218, 216, 176) }
```

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

```
.border{ border-color:rgb(218, 216, 176) }
```

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

Here you see how a box with a 4 pixel rgb(218, 216, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 216, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 216, 176);  
box-shadow:4px 4px 4px 4px rgb(218, 216,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 67.1517, 0.3420, 0.3746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 216, 176) }
```

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

```
.background{ background-color: rgb(218,  
216, 176) }
```

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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