

Converting Colors

Yxy(69.3958, 0.3241, 0.3516)

Have a look what the booklet for
Yxy(69.3958, 0.3241, 0.3516)
contains.

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Color

Yxy(69.3855, 0.3240, 0.3515)

Conversions

Conversions Part 1

Format	Color
Hex	D8DBC7
RGB	216, 219, 199
RGB Percent	85%, 86%, 78%
CMY	0.1530, 0.1411, 0.2196
CMYK	0.01, 0.00, 0.09, 0.14
HSL	69°, 22%, 82%
HSV	69°, 9%, 86%
XYZ	63.9570, 69.3855, 64.0557
YIQ	215.8230, 4.6320, -6.8560

Conversions

Conversions Part 2

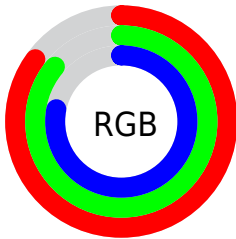
Format	Color
RYB	199, 219, 202
Decimal	14212039
CIELab	86.69, -4.50, 9.48
CIELCh	87, 10.492, 115.410
Yxy	69.3855, 0.3240, 0.3515
Android (android.graphics.Color)	4292402119 (0xFFD8DBC7)
YUV	215.8230, -8.2937, 0.1552
Hunter-Lab	83.2980, -8.7173, 12.7148

Details

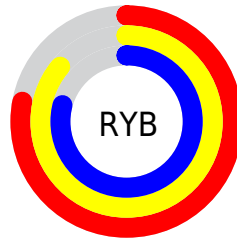
The Yxy color **69.3855, 0.3240, 0.3515** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.5229, 0.3008, 0.3058**, and the grayscale version is **68.5986, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.1723, 0.3267, 0.3571** is the 20% darker color. If you saturate the color by 10%, you get **67.9451, 0.3366, 0.3772**, and if you desaturate by 10%, it is **70.9885, 0.3117, 0.3269**.

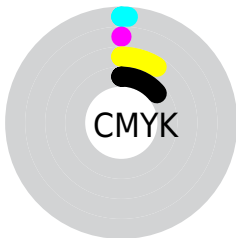
Distribution



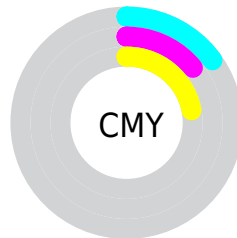
- Red (85%)
- Green (86%)
- Blue (78%)



- Red (78%)
- Yellow (86%)
- Blue (79%)



- Cyan (1%)
- Magenta (0%)
- Yellow (9%)
- Black (14%)



- Cyan (15%)
- Magenta (14%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.3855, 0.3240, 0.3515 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 69.3855, 0.3240, 0.3515 by changing the saturation by 10% instead.

■ 69.3855, 0.3240,
0.3515

■ 69.3855, 0.3240,
0.3515

458.3894, 0.3188,
0.3409

■ 51.0257, 0.3252,
0.3540

118.3320, 0.3222,
0.3478

■ 36.2291, 0.3267,
0.3570

149.6875, 0.3215,
0.3464

■ 24.6112, 0.3285,
0.3610

186.1438, 0.3209,
0.3451

■ 15.7876, 0.3310,
0.3662

228.0851, 0.3203,
0.3441

■ 9.3740, 0.3343,
0.3735

275.8960, 0.3199,
0.3431

■ 4.9859, 0.3391,
0.3842

329.9607, 0.3195,

■ 2.2390, 0.3464,

0.3423

0.4018

390.6637, 0.3191,
0.3416

0.7411, 0.4017,
0.5007

0.0000, 0.0000,
0.0000

69.3855, 0.3240,
0.3515

69.3855, 0.3240,
0.3515

67.9451, 0.3366,
0.3772

70.9885, 0.3117,
0.3269

66.6519, 0.3490,
0.4033

72.7509, 0.2998,
0.3038

65.5022, 0.3608,
0.4292

74.0403, 0.2945,
0.2918

64.4888, 0.3715,
0.4538

74.5794, 0.2967,
0.2921

63.6036, 0.3805,
0.4761

75.1287, 0.2989,
0.2923

62.8379, 0.3873,
0.4950

75.6885, 0.3012,
0.2926

62.1816, 0.3916,
0.5097

76.2587, 0.3034,
0.2928

61.6229, 0.3933,
0.5199

76.8394, 0.3057,
0.2931

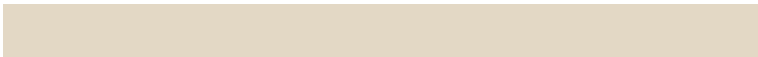
61.1425, 0.3927,
0.5260

77.4308, 0.3079,
0.2933

Harmonies

Analogous

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



69.3855, 0.3339, 0.3493



69.3855, 0.3240, 0.3515



69.3855, 0.3112, 0.3474

Triad

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



69.3855, 0.3240, 0.3515



69.3855, 0.2880, 0.3156



69.3855, 0.3263, 0.3201

Complementary

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



69.3855, 0.3240, 0.3515



58.5229, 0.3008, 0.3058

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.



69.3855, 0.3138, 0.3116



69.3855, 0.3240, 0.3515



69.3855, 0.2918, 0.3088

Square

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



69.3855, 0.3240, 0.3515



69.3855, 0.2906, 0.3263



69.3855, 0.3012, 0.3074



69.3855, 0.3353, 0.3310

Rectangle

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



69.3855, 0.3240, 0.3515



69.3855, 0.3029, 0.3416



69.3855, 0.3012, 0.3074



69.3855, 0.3224, 0.3169

Sweetspot

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



69.3885, 0.3240, 0.3515



99.2988, 0.3164, 0.3363



61.4281, 0.3282, 0.3325



21.2147, 0.3174, 0.3383



0.0000, 0.0000, 0.0000



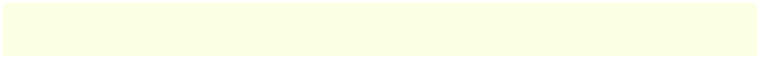
21.4041, 0.3127, 0.3290

Same Dimension

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



69.3885, 0.3240, 0.3515



97.5295, 0.3265, 0.3565



67.9136, 0.3167, 0.3520



15.1592, 0.3244, 0.3523



36.2661, 0.3931, 0.5261



2.3770, 0.3976, 0.5225

Inverse Universe

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



58.5229, 0.3008, 0.3058



79.1500, 0.2981, 0.3005



59.9614, 0.3084, 0.3063



12.7110, 0.3004, 0.3050



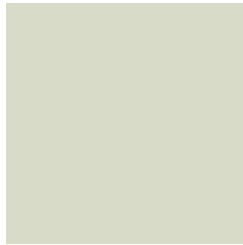
3.2544, 0.1564, 0.0635



0.2412, 0.1695, 0.0707

Previews

White Background



This preview shows how the Yxy color 69.3855, 0.3240, 0.3515 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 69.3855, 0.3240, 0.3515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

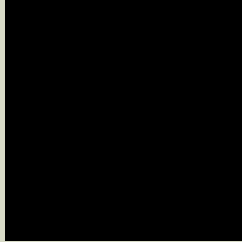
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

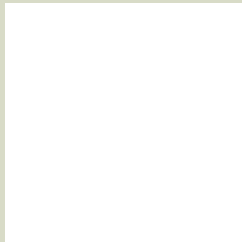
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.3855, 0.3240, 0.3515

Background



This preview shows how black text looks on a background with the Yxy color 69.3855, 0.3240, 0.3515.



This preview shows how white text looks on a background with the Yxy color 69.3855, 0.3240, 0.3515.

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

69.3855, 0.3240, 0.3515

Protanopia

69.1505, 0.3325, 0.3501

Deuteranopia

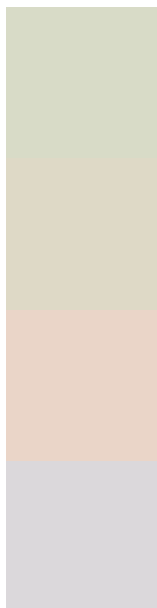
69.0511, 0.3454, 0.3376



Tritanopia

69.2348, 0.3064, 0.3106

Trichromacy



Original Color

69.3855, 0.3240, 0.3515

Protanomaly

69.2325, 0.3294, 0.3502

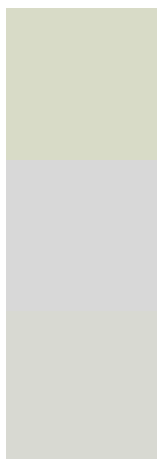
Deuteranomaly

69.2511, 0.3377, 0.3431

Tritanomaly

69.2863, 0.3129, 0.3257

Monochromacy



Original Color

69.3855, 0.3240, 0.3515

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.8778, 0.3167, 0.3368

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.3855, 0.3240, 0.3515 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(216, 219, 199)` looks like.

```
.text, #text, p{  
    color:rgb(216, 219, 199)  
}
```

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(216, 219, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 219, 199) }
```

Border

The CSS property to change the border of an element to Yxy 69.3855, 0.3240, 0.3515 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(216, 219, 199) }
```

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

```
.border{ border-color:rgb(216, 219, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 219, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 219, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 219, 199);  
box-shadow:4px 4px 4px 4px rgb(216, 219,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 69.3855, 0.3240, 0.3515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 219, 199) }
```

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

```
.background{ background-color: rgb(216,  
219, 199) }
```

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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