

Converting Colors

$Yxy(65.4041, 0.3443, 0.3797)$

Have a look what the booklet for
Yxy(65.4041, 0.3443, 0.3797)
contains.

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Color

Yxy(65.4425, 0.3443, 0.3798)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D7D6AA |
| RGB | 215, 214, 170 |
| RGB Percent | 84%, 84%, 67% |
| CMY | 0.1569, 0.1608, 0.3333 |
| CMYK | 0.00, 0.00, 0.21, 0.16 |
| HSL | 59°, 36%, 75% |
| HSV | 59°, 21%, 84% |
| XYZ | 59.3256, 65.4425, 47.5397 |
| YIQ | 209.2830, 14.7200, -13.4720 |

Conversions

Conversions Part 2

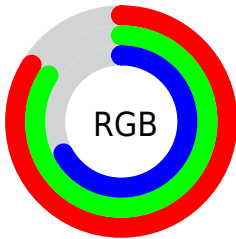
| Format | Color |
|-------------------------------------|--|
| RYB | 171, 215, 170 |
| Decimal | 14145194 |
| CIELab | 84.71, -6.80, 21.91 |
| CIELCh | 85, 22.943, 107.229 |
| Yxy | 65.4425, 0.3443, 0.3798 |
| Android (android.graphics.Color) | 4292335274 (0xFFD7D6AA) |
| YUV | 209.2830, -19.3665, 5.0138 |
| Hunter-Lab | 80.8965, -10.6658, 21.7852 |

Details

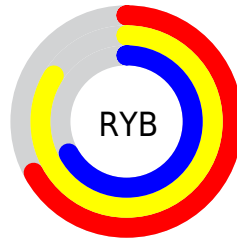
The Yxy color **65.4425, 0.3443, 0.3798** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.5777, 0.2779, 0.2726**, and the grayscale version is **64.0780, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2162, 0.3304, 0.3582**, and **33.5779, 0.3517, 0.3915** is the 20% darker color. If you saturate the color by 10%, you get **64.4590, 0.3596, 0.4043**, and if you desaturate by 10%, it is **66.5656, 0.3290, 0.3552**.

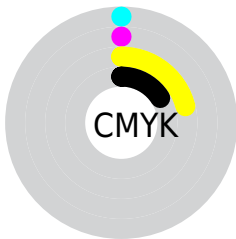
Distribution



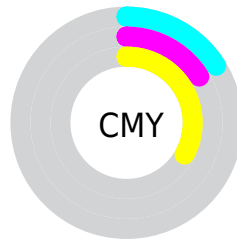
- Red (84%)
- Green (84%)
- Blue (67%)



- Red (67%)
- Yellow (84%)
- Blue (67%)



- Cyan (0%)
- Magenta (0%)
- Yellow (21%)
- Black (16%)




- Cyan (16%)
- Magenta (16%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.4425, 0.3443, 0.3798 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 65.4425, 0.3443, 0.3798 by changing the saturation by 10% instead.

 65.4425, 0.3443,
0.3798

 65.4425, 0.3443,
0.3798


444.3804, 0.3296,
0.3556

 47.8200, 0.3476,
0.3855


 112.6858, 0.3392,
0.3713

 33.6843, 0.3517,
0.3926


143.0754, 0.3372,
0.3680

 22.6512, 0.3569,
0.4017


178.4894, 0.3355,
0.3652

 14.3362, 0.3635,
0.4138

219.3123, 0.3341,
0.3627

 8.3549, 0.3722,
0.4305

265.9284, 0.3328,
0.3606

 4.3228, 0.3840,
0.4548

318.7223, 0.3316,

 1.8557, 0.4180,

0.3587

0.5151

378.0781, 0.3306,
0.3571

0.5216, 0.3874,
0.6126

0.0000, 0.0000,
0.0000

65.4425, 0.3443,
0.3798

65.4425, 0.3443,
0.3798

64.4590, 0.3596,
0.4043

66.5656, 0.3290,
0.3552

63.5999, 0.3744,
0.4277

67.8255, 0.3141,
0.3312

62.8611, 0.3880,
0.4492

69.2309, 0.2999,
0.3082

62.2349, 0.3999,
0.4678

70.7219, 0.2872,
0.2877

61.7128, 0.4095,
0.4827

70.9634, 0.2872,
0.2882

61.2849, 0.4166,
0.4932

71.2056, 0.2872,
0.2887

60.9395, 0.4210,
0.4995

71.4485, 0.2872,
0.2892

60.6789, 0.4232,
0.5022

71.6921, 0.2872,
0.2897

71.9364, 0.2873,
0.2902

Harmonies

Analogous

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



65.4425, 0.3640, 0.3698



65.4425, 0.3443, 0.3798



65.4425, 0.3167, 0.3752

Triad

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



65.4425, 0.3443, 0.3798



65.4425, 0.2590, 0.3040



65.4425, 0.3357, 0.3037

Complementary

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



65.4425, 0.3443, 0.3798



42.5777, 0.2779, 0.2726

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.



65.4425, 0.3067, 0.2878



65.4425, 0.3443, 0.3798



65.4425, 0.2634, 0.2870

Square

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



65.4425, 0.3443, 0.3798



65.4425, 0.2681, 0.3294



65.4425, 0.2804, 0.2816



65.4425, 0.3592, 0.3260

Rectangle

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



65.4425, 0.3443, 0.3798



65.4425, 0.2977, 0.3639



65.4425, 0.2804, 0.2816



65.4425, 0.3262, 0.2975

Sweetspot

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



65.4454, 0.3443, 0.3798



98.8398, 0.3216, 0.3434



46.1594, 0.3531, 0.3273



21.1298, 0.3226, 0.3450



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.



65.4454, 0.3443, 0.3798



95.6648, 0.3509, 0.3904



62.9693, 0.3278, 0.3837



14.4711, 0.3267, 0.3515



36.3179, 0.4232, 0.5022



2.2057, 0.4224, 0.5028

Inverse Universe

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



42.5777, 0.2779, 0.2726



56.3126, 0.2696, 0.2592



44.7363, 0.2948, 0.2740



12.0518, 0.2981, 0.3054



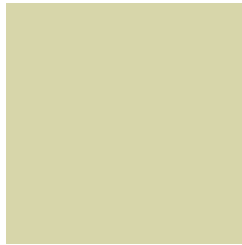
3.0158, 0.1504, 0.0615



0.1976, 0.1517, 0.0662

Previews

White Background



This preview shows how the Yxy color 65.4425, 0.3443, 0.3798 looks on a white background.

Color Contrast Check

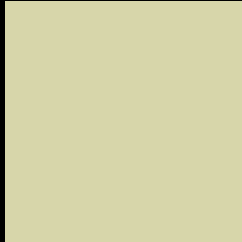
Large Text (above 18pt) WCAG AA × Fail

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 65.4425, 0.3443, 0.3798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

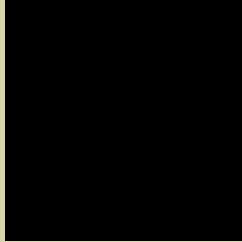
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

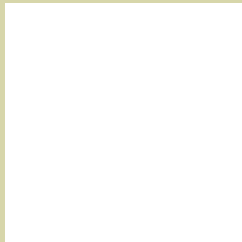
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.4425, 0.3443, 0.3798

Background



This preview shows how black text looks on a background with the Yxy color 65.4425, 0.3443, 0.3798.



This preview shows how white text looks on a background with the Yxy color 65.4425, 0.3443, 0.3798.

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

65.4425, 0.3443, 0.3798

Protanopia

65.4607, 0.3537, 0.3764

Deuteranopia

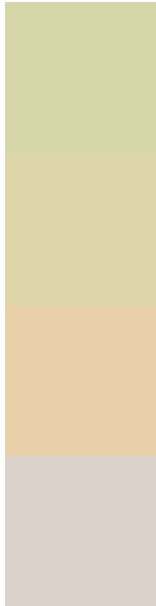
65.1029, 0.3699, 0.3624



Tritanopia

65.4830, 0.3128, 0.3115

Trichromacy



Original Color

65.4425, 0.3443, 0.3798

Protanomaly

65.3237, 0.3502, 0.3780

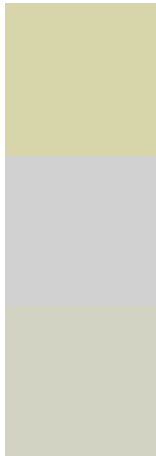
Deuteranomaly

65.0583, 0.3605, 0.3688

Tritanomaly

65.5129, 0.3237, 0.3358

Monochromacy



Original Color

65.4425, 0.3443, 0.3798

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.3775, 0.3239, 0.3475

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.4425, 0.3443, 0.3798 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(215, 214, 170)` looks like.

```
.text, #text, p{  
    color:rgb(215, 214, 170)  
}
```

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(215, 214, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 214, 170) }
```

Border

The CSS property to change the border of an element to Yxy 65.4425, 0.3443, 0.3798 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(215, 214, 170) }
```

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

```
.border{ border-color:rgb(215, 214, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 214, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 214, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 214, 170);  
box-shadow:4px 4px 4px 4px rgb(215, 214,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 65.4425, 0.3443, 0.3798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 214, 170) }
```

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

```
.background{ background-color: rgb(215,  
214, 170) }
```

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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