

Converting Colors

$Yxy(62.4385, 0.3426, 0.3798)$

Have a look what the booklet for
Yxy(62.4385, 0.3426, 0.3798)
contains.

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Color

Yxy(62.4385, 0.3426, 0.3798)

Conversions

Conversions Part 1

Format	Color
Hex	D1D2A7
RGB	209, 210, 167
RGB Percent	82%, 82%, 65%
CMY	0.1802, 0.1765, 0.3451
CMYK	0.00, 0.00, 0.20, 0.18
HSL	61°, 32%, 74%
HSV	61°, 20%, 82%
XYZ	56.3229, 62.4385, 45.6370
YIQ	204.7990, 13.2070, -13.5850

Conversions

Conversions Part 2

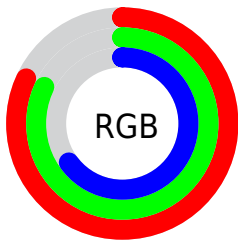
Format	Color
RYB	167, 210, 168
Decimal	13750951
CIELab	83.15, -7.38, 21.27
CIELCh	83, 22.512, 109.146
Yxy	62.4385, 0.3426, 0.3798
Android (android.graphics.Color)	4291941031 (0xFFD1D2A7)
YUV	204.7990, -18.6349, 3.6843
Hunter-Lab	79.0180, -11.0494, 21.0696

Details

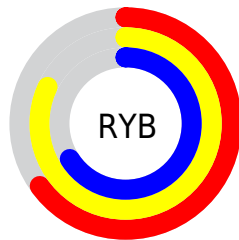
The Yxy color **62.4385, 0.3426, 0.3798** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.6061, 0.2795, 0.2729**, and the grayscale version is **61.0344, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.0539, 0.3321, 0.3611**, and **31.8848, 0.3492, 0.3933** is the 20% darker color. If you saturate the color by 10%, you get **61.6584, 0.3573, 0.4049**, and if you desaturate by 10%, it is **63.3504, 0.3278, 0.3547**.

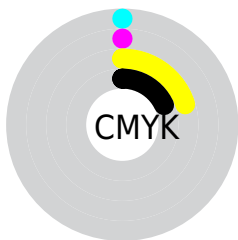
Distribution



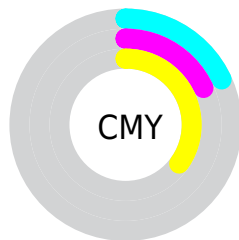
- Red (82%)
- Green (82%)
- Blue (65%)



- Red (65%)
- Yellow (82%)
- Blue (66%)



- Cyan (0%)
- Magenta (0%)
- Yellow (20%)
- Black (18%)



- Cyan (18%)
- Magenta (18%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.4385, 0.3426, 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 62.4385, 0.3426, 0.3798 by changing the saturation by 10% instead.

 62.4385, 0.3426,
0.3798


 62.4385, 0.3426,
0.3798


433.5288, 0.3286,
0.3553

 45.3871, 0.3458,
0.3856


 108.3590, 0.3377,
0.3711

 31.7624, 0.3497,
0.3929


 137.9970, 0.3359,
0.3678

 21.1801, 0.3547,
0.4023


172.5992, 0.3342,
0.3650

 13.2557, 0.3611,
0.4149

212.5502, 0.3328,
0.3625

 7.6049, 0.3696,
0.4325

258.2342, 0.3316,
0.3604

 3.8432, 0.3811,
0.4585

310.0357, 0.3305,

 1.5862, 0.4274,

0.3585

0.5393

368.3391, 0.3295,
0.3568

0.3483, 0.3022,
0.6978

0.0000, 0.0000,
0.0000

62.4385, 0.3426,
0.3798

62.4385, 0.3426,
0.3798

61.6584, 0.3573,
0.4049

63.3504, 0.3278,
0.3547

60.9958, 0.3713,
0.4290

64.3916, 0.3134,
0.3302

60.4469, 0.3841,
0.4513

65.5700, 0.2996,
0.3068

60.0044, 0.3952,
0.4706

66.8908, 0.2866,
0.2849

■ 59.6603, 0.4040,
0.4863

■ 67.2157, 0.2845,
0.2809

■ 59.4054, 0.4102,
0.4977

■ 67.2851, 0.2848,
0.2810

■ 59.2288, 0.4139,
0.5048

■ 67.3547, 0.2851,
0.2810

■ 59.1147, 0.4154,
0.5083

■ 67.4245, 0.2854,
0.2810

■ 67.4945, 0.2857,
0.2811

Harmonies

Analogous

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



62.4385, 0.3629, 0.3707



62.4385, 0.3426, 0.3798



62.4385, 0.3148, 0.3742

Triad

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



62.4385, 0.3426, 0.3798



62.4385, 0.2590, 0.3027



62.4385, 0.3374, 0.3051

Complementary

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



62.4385, 0.3426, 0.3798



40.6061, 0.2795, 0.2729

Split Complementary

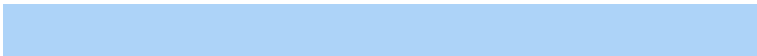
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



62.4385, 0.3085, 0.2887



62.4385, 0.3426, 0.3798



62.4385, 0.2643, 0.2865

Square

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



62.4385, 0.3426, 0.3798



62.4385, 0.2672, 0.3277



62.4385, 0.2820, 0.2818



62.4385, 0.3601, 0.3275

Rectangle

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



62.4385, 0.3426, 0.3798



62.4385, 0.2960, 0.3624



62.4385, 0.2820, 0.2818



62.4385, 0.3280, 0.2988

Sweetspot

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



62.4413, 0.3426, 0.3798



98.9888, 0.3214, 0.3437



44.3879, 0.3531, 0.3300



21.1651, 0.3224, 0.3454



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.



62.4413, 0.3426, 0.3798



96.2840, 0.3497, 0.3919



59.5436, 0.3258, 0.3826



13.7836, 0.3263, 0.3520



36.0671, 0.4155, 0.5083



2.0210, 0.4162, 0.5077

Inverse Universe

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



40.6061, 0.2795, 0.2729



55.8850, 0.2705, 0.2577



43.1325, 0.2971, 0.2757



11.4301, 0.2985, 0.3050



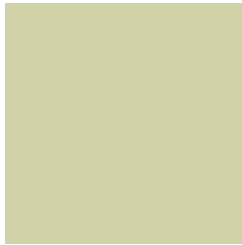
2.8626, 0.1508, 0.0604



0.1646, 0.1533, 0.0618

Previews

White Background



This preview shows how the Yxy color 62.4385, 0.3426, 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 62.4385, 0.3426, 0.3798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

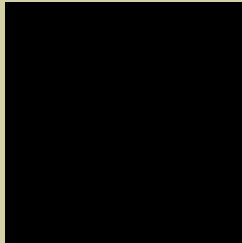
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

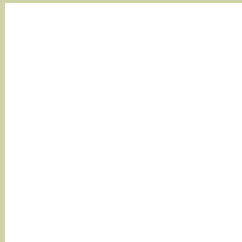
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.4385, 0.3426, 0.3798

Background



This preview shows how black text looks on a background with the Yxy color 62.4385, 0.3426, 0.3798.



This preview shows how white text looks on a background with the Yxy color 62.4385, 0.3426, 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

62.4385, 0.3426, 0.3798

Protanopia

62.5579, 0.3536, 0.3774

Deuteranopia

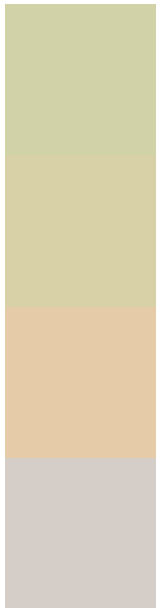
62.2367, 0.3694, 0.3619



Tritanopia

62.4253, 0.3113, 0.3111

Trichromacy



Original Color

62.4385, 0.3426, 0.3798

Protanomaly

62.4639, 0.3494, 0.3779

Deuteranomaly

62.1970, 0.3599, 0.3685

Tritanomaly

62.4589, 0.3224, 0.3359

Monochromacy



Original Color

62.4385, 0.3426, 0.3798

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.5090, 0.3233, 0.3478

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.4385, 0.3426, 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(209, 210, 167)` looks like.

```
.text, #text, p{  
    color:rgb(209, 210, 167)  
}
```

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(209, 210, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 210, 167) }
```

Border

The CSS property to change the border of an element to Yxy 62.4385, 0.3426, 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(209, 210, 167) }
```

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

```
.border{ border-color:rgb(209, 210, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 210, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 210, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 210, 167);  
box-shadow:4px 4px 4px 4px rgb(209, 210,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 62.4385, 0.3426, 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(209, 210, 167) }
```

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

```
.background{ background-color: rgb(209,  
210, 167) }
```

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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