

Converting Colors

$Yxy(64.6028, 0.3405, 0.3740)$

Have a look what the booklet for
Yxy(64.6028, 0.3405, 0.3740)
contains.

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Color

Yxy(64.7906, 0.3401, 0.3743)

Conversions

Conversions Part 1

Format	Color
Hex	D5D5AE
RGB	213, 213, 174
RGB Percent	84%, 84%, 68%
CMY	0.1647, 0.1647, 0.3177
CMYK	0.00, 0.00, 0.18, 0.16
HSL	60°, 32%, 76%
HSV	60°, 18%, 84%
XYZ	58.8706, 64.7906, 49.4368
YIQ	208.5540, 12.5190, -12.1290

Conversions

Conversions Part 2

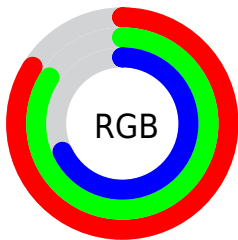
Format	Color
RYB	174, 213, 174
Decimal	14013870
CIELab	84.38, -6.44, 19.34
CIELCh	84, 20.388, 108.426
Yxy	64.7906, 0.3401, 0.3743
Android (android.graphics.Color)	4292203950 (0xFFD5D5AE)
YUV	208.5540, -17.0351, 3.8991
Hunter-Lab	80.4926, -10.3108, 19.9302

Details

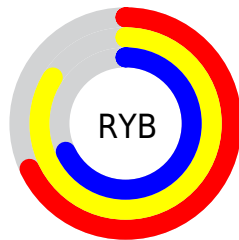
The Yxy color **64.7906, 0.3401, 0.3743** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.0684, 0.2827, 0.2793**, and the grayscale version is **63.5614, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4932, 0.3274, 0.3532**, and **33.1033, 0.3471, 0.3859** is the 20% darker color. If you saturate the color by 10%, you get **64.0258, 0.3552, 0.3993**, and if you desaturate by 10%, it is **65.6929, 0.3250, 0.3493**.

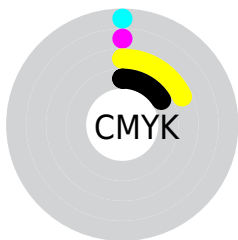
Distribution



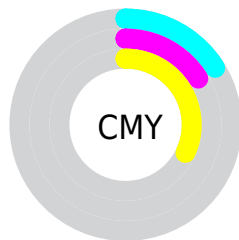
- Red (84%)
- Green (84%)
- Blue (68%)



- Red (68%)
- Yellow (84%)
- Blue (68%)



- Cyan (0%)
- Magenta (0%)
- Yellow (18%)
- Black (16%)



- Cyan (16%)
- Magenta (16%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.7906, 0.3401, 0.3743 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 64.7906, 0.3401, 0.3743 by changing the saturation by 10% instead.

■ 64.7906, 0.3401,
0.3743

■ 64.7906, 0.3401,
0.3743

442.0391, 0.3273,
0.3526

■ 47.2913, 0.3430,
0.3794

■ 111.7488, 0.3357,
0.3667

■ 33.2660, 0.3466,
0.3858

141.9764, 0.3339,
0.3637

■ 22.3303, 0.3511,
0.3940

177.2156, 0.3325,
0.3612

■ 14.0998, 0.3570,
0.4050

217.8508, 0.3312,
0.3590

■ 8.1901, 0.3649,
0.4202

264.2663, 0.3300,
0.3571

■ 4.2168, 0.3758,
0.4427

316.8466, 0.3290,

■ 1.7956, 0.4027,

0.3555

0.4929

375.9761, 0.3281,
0.3540

0.4844, 0.3849,
0.6151

0.0000, 0.0000,
0.0000

64.7906, 0.3401,
0.3743

64.7906, 0.3401,
0.3743

64.0258, 0.3552,
0.3993

65.6929, 0.3250,
0.3493

63.3837, 0.3698,
0.4235

66.7298, 0.3103,
0.3250

62.8604, 0.3834,
0.4459

67.9097, 0.2963,
0.3019


62.4487, 0.3953,
0.4656


68.9652, 0.2857,
0.2844

 62.1404, 0.4050,
0.4817


 68.9670, 0.2857,
0.2844

 61.9263, 0.4121,
0.4936


 68.9688, 0.2857,
0.2844

 61.7956, 0.4167,
0.5011

 68.9705, 0.2858,
0.2844

 61.7320, 0.4189,
0.5049

 68.9723, 0.2858,
0.2844

 61.7239, 0.4192,
0.5053

 68.9740, 0.2858,
0.2844

Harmonies

Analogous

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



64.7906, 0.3579, 0.3661



64.7906, 0.3401, 0.3743



64.7906, 0.3154, 0.3695

Triad

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



64.7906, 0.3401, 0.3743



64.7906, 0.2645, 0.3061



64.7906, 0.3342, 0.3071

Complementary

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



64.7906, 0.3401, 0.3743



44.0684, 0.2827, 0.2793

Split Complementary

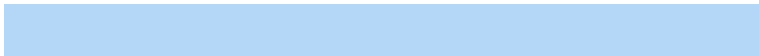
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



64.7906, 0.3084, 0.2925



64.7906, 0.3401, 0.3743



64.7906, 0.2689, 0.2911

Square

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



64.7906, 0.3401, 0.3743



64.7906, 0.2722, 0.3286



64.7906, 0.2847, 0.2865



64.7906, 0.3547, 0.3273

Rectangle

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



64.7906, 0.3401, 0.3743



64.7906, 0.2984, 0.3592



64.7906, 0.2847, 0.2865



64.7906, 0.3258, 0.3014

Sweetspot

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



64.7935, 0.3401, 0.3743



99.2045, 0.3201, 0.3412



47.4677, 0.3481, 0.3291



21.2108, 0.3212, 0.3430



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.



64.7935, 0.3401, 0.3743



96.8930, 0.3460, 0.3841



62.0517, 0.3250, 0.3765



14.5196, 0.3266, 0.3520



37.6997, 0.4192, 0.5053



2.2740, 0.4192, 0.5053

Inverse Universe

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



44.0684, 0.2827, 0.2793



60.1535, 0.2754, 0.2672



46.4721, 0.2984, 0.2815



12.0091, 0.2981, 0.3049



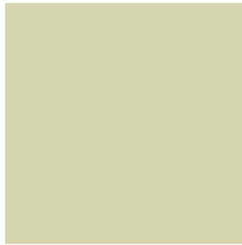
2.9352, 0.1500, 0.0600



0.1772, 0.1501, 0.0600

Previews

White Background



This preview shows how the Yxy color 64.7906, 0.3401, 0.3743 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 64.7906, 0.3401, 0.3743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

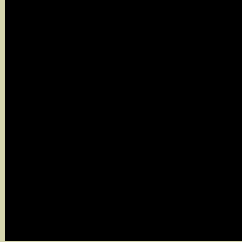
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

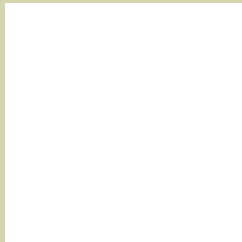
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.7906, 0.3401, 0.3743

Background



This preview shows how black text looks on a background with the Yxy color 64.7906, 0.3401, 0.3743.



This preview shows how white text looks on a background with the Yxy color 64.7906, 0.3401, 0.3743.

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

64.7906, 0.3401, 0.3743

Protanopia

64.7983, 0.3494, 0.3710

Deuteranopia

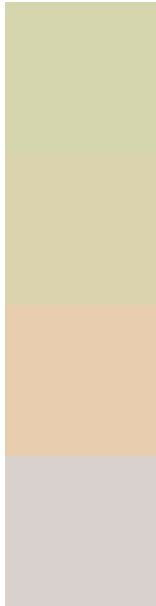
64.4303, 0.3654, 0.3572



Tritanopia

64.6860, 0.3113, 0.3103

Trichromacy



Original Color

64.7906, 0.3401, 0.3743

Protanomaly

64.6657, 0.3460, 0.3726

Deuteranomaly

64.3936, 0.3561, 0.3635

Tritanomaly

64.7604, 0.3216, 0.3335

Monochromacy



Original Color

64.7906, 0.3401, 0.3743

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.7803, 0.3225, 0.3452

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.7906, 0.3401, 0.3743 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(213, 213, 174)` looks like.

```
.text, #text, p{  
    color:rgb(213, 213, 174)  
}
```

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(213, 213, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 213, 174) }
```

Border

The CSS property to change the border of an element to Yxy 64.7906, 0.3401, 0.3743 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(213, 213, 174) }
```

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

```
.border{ border-color:rgb(213, 213, 174) }
```

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

Here you see how a box with a 4 pixel rgb(213, 213, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 213, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 213, 174);  
box-shadow:4px 4px 4px 4px rgb(213, 213,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 64.7906, 0.3401, 0.3743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 213, 174) }
```

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

```
.background{ background-color: rgb(213,  
213, 174) }
```

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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