

Converting Colors

$Yxy(63.9692, 0.3563, 0.3803)$

Have a look what the booklet for
Yxy(63.9692, 0.3563, 0.3803)
contains.

Yxy(63.9692, 0.3563, 0.3803)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(63.9692, 0.3563, 0.3803)

Conversions

Conversions Part 1

Format	Color
Hex	DFD1A4
RGB	223, 209, 164
RGB Percent	87%, 82%, 64%
CMY	0.1255, 0.1804, 0.3569
CMYK	0.00, 0.06, 0.26, 0.13
HSL	46°, 48%, 76%
HSV	46°, 26%, 87%
XYZ	59.9322, 63.9692, 44.3058
YIQ	208.0560, 22.7890, -11.0270

Conversions

Conversions Part 2

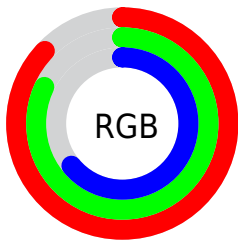
Format	Color
RYB	182, 223, 164
Decimal	14668196
CIELab	83.95, -2.06, 24.12
CIElCh	84, 24.210, 94.884
Yxy	63.9692, 0.3563, 0.3803
Android (android.graphics.Color)	4292858276 (0xFFDFD1A4)
YUV	208.0560, -21.7196, 13.1059
Hunter-Lab	79.9807, -6.2103, 23.1425

Details

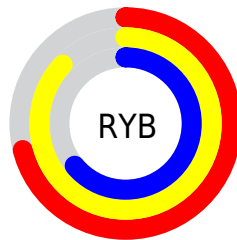
The Yxy color **63.9692, 0.3563, 0.3803** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.0552, 0.2687, 0.2718**, and the grayscale version is **63.2484, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8945, 0.3339, 0.3641**, and **32.8280, 0.3664, 0.3933** is the 20% darker color. If you saturate the color by 10%, you get **60.6833, 0.3746, 0.4001**, and if you desaturate by 10%, it is **67.4884, 0.3389, 0.3604**.

Distribution



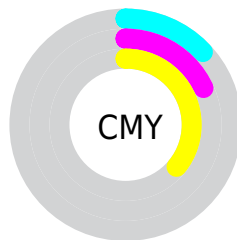
- Red (87%)
- Green (82%)
- Blue (64%)



- Red (71%)
- Yellow (87%)
- Blue (64%)



- Cyan (0%)
- Magenta (6%)
- Yellow (26%)
- Black (13%)




- Cyan (13%)
- Magenta (18%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.9692, 0.3563, 0.3803 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 63.9692, 0.3563, 0.3803 by changing the saturation by 10% instead.


 63.9692, 0.3563,
0.3803

 63.9692, 0.3563,
0.3803


439.0784, 0.3358,
0.3560

 46.6257, 0.3610,
0.3859


 110.5666, 0.3492,
0.3718

 32.7399, 0.3668,
0.3929


 140.5893, 0.3464,
0.3685

 21.9273, 0.3742,
0.4018


175.6072, 0.3440,
0.3657

 13.8035, 0.3837,
0.4135


216.0047, 0.3420,
0.3632

 7.9841, 0.3964,
0.4292

262.1661, 0.3401,
0.3611

 4.0848, 0.4138,
0.4514

314.4760, 0.3385,

 1.7211, 0.4752,

0.3592

0.5248

373.3186, 0.3371,
0.3575

0.4373, 0.4552,
0.5448

0.0000, 0.0000,
0.0000

63.9692, 0.3563,
0.3803

63.9692, 0.3563,
0.3803

60.6833, 0.3746,
0.4001

67.4884, 0.3389,
0.3604

57.6137, 0.3932,
0.4189

71.2397, 0.3226,
0.3411

54.7544, 0.4115,
0.4359

75.2333, 0.3076,
0.3226

52.0958, 0.4287,
0.4499

79.4761, 0.2939,
0.3052

49.6268, 0.4440,
0.4600

82.5833, 0.2930,
0.3089

47.3348, 0.4566,
0.4654

85.6648, 0.2931,
0.3144

45.2041, 0.4662,
0.4660

88.8372, 0.2932,
0.3199

44.4795, 0.4693,
0.4656

92.1012, 0.2934,
0.3252

94.4282, 0.2935,
0.3289

Harmonies

Analogous

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



63.9692, 0.3718, 0.3644



63.9692, 0.3563, 0.3803



63.9692, 0.3294, 0.3823

Triad

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



63.9692, 0.3563, 0.3803



63.9692, 0.2580, 0.3127



63.9692, 0.3246, 0.2942

Complementary

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



63.9692, 0.3563, 0.3803



45.0552, 0.2687, 0.2718

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.



63.9692, 0.2939, 0.2813



63.9692, 0.3563, 0.3803



63.9692, 0.2567, 0.2904

Square

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



63.9692, 0.3563, 0.3803



63.9692, 0.2731, 0.3415



63.9692, 0.2695, 0.2795



63.9692, 0.3531, 0.3155

Rectangle

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



63.9692, 0.3563, 0.3803



63.9692, 0.3090, 0.3744



63.9692, 0.2695, 0.2795



63.9692, 0.3141, 0.2888

Sweetspot

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



63.9721, 0.3563, 0.3803



95.7068, 0.3251, 0.3441



45.4805, 0.3553, 0.3118



20.3175, 0.3275, 0.3470



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.



63.9721, 0.3563, 0.3803



84.0803, 0.3668, 0.3918



68.9021, 0.3413, 0.3974



15.4497, 0.3273, 0.3468



26.3352, 0.4683, 0.4663



1.9600, 0.4592, 0.4736

Inverse Universe

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



45.0552, 0.2687, 0.2718



54.1808, 0.2580, 0.2571



41.4291, 0.2786, 0.2558



13.7684, 0.2981, 0.3106



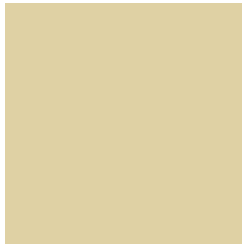
4.7695, 0.1575, 0.0868



0.4679, 0.1655, 0.1159

Previews

White Background



This preview shows how the Yxy color 63.9692, 0.3563, 0.3803 looks on a white background.

Color Contrast Check

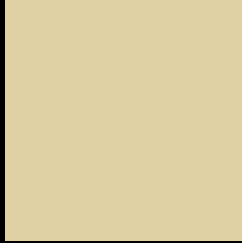
Large Text (above 18pt) WCAG AA × Fail

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 63.9692, 0.3563, 0.3803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

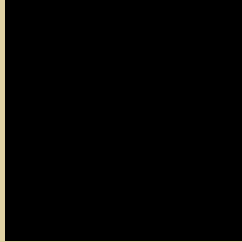
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.9692, 0.3563, 0.3803

Background



This preview shows how black text looks on a background with the Yxy color 63.9692, 0.3563, 0.3803.

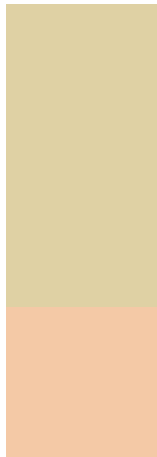


This preview shows how white text looks on a background with the Yxy color 63.9692, 0.3563, 0.3803.

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

63.9692, 0.3563, 0.3803

Protanopia

63.9692, 0.3563, 0.3803

Deuteranopia

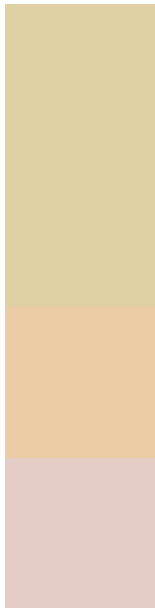
63.7596, 0.3745, 0.3669



Tritanopia

64.1260, 0.3228, 0.3117

Trichromacy



Original Color

63.9692, 0.3563, 0.3803

Protanomaly

63.9692, 0.3563, 0.3803

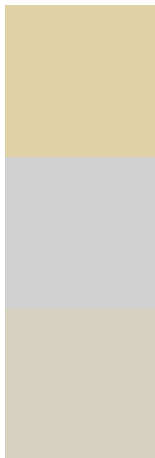
Deuteranomaly

63.7352, 0.3677, 0.3721

Tritanomaly

64.0708, 0.3349, 0.3368

Monochromacy



Original Color

63.9692, 0.3563, 0.3803

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.0637, 0.3279, 0.3475

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.9692, 0.3563, 0.3803 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(223, 209, 164)` looks like.

```
.text, #text, p{  
    color:rgb(223, 209, 164)  
}
```

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(223, 209, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 209, 164) }
```

Border

The CSS property to change the border of an element to Yxy 63.9692, 0.3563, 0.3803 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(223, 209, 164) }
```

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

```
.border{ border-color:rgb(223, 209, 164) }
```

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

Here you see how a box with a 4 pixel rgb(223, 209, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 209, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 209, 164);  
box-shadow:4px 4px 4px 4px rgb(223, 209,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 63.9692, 0.3563, 0.3803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 209, 164) }
```

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

```
.background{ background-color: rgb(223,  
209, 164) }
```

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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