

Converting Colors

$Yxy(63.6224, 0.3444, 0.3742)$

Have a look what the booklet for
Yxy(63.6224, 0.3444, 0.3742)
contains.

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Color

Yxy(63.4805, 0.3445, 0.3743)

Conversions

Conversions Part 1

Format	Color
Hex	D7D2AB
RGB	215, 210, 171
RGB Percent	84%, 82%, 67%
CMY	0.1567, 0.1765, 0.3295
CMYK	0.00, 0.02, 0.20, 0.16
HSL	53°, 36%, 76%
HSV	53°, 20%, 84%
XYZ	58.4265, 63.4805, 47.6909
YIQ	207.0490, 15.4990, -11.0690

Conversions

Conversions Part 2

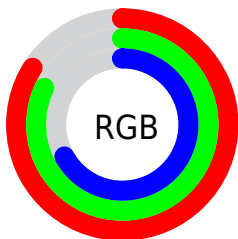
Format	Color
RYB	177, 215, 171
Decimal	14144171
CIELab	83.69, -4.58, 20.00
CIELCh	84, 20.518, 102.906
Yxy	63.4805, 0.3445, 0.3743
Android (android.graphics.Color)	4292334251 (0xFFD7D2AB)
YUV	207.0490, -17.7722, 6.9730
Hunter-Lab	79.6747, -8.5342, 20.2830

Details

The Yxy color **63.4805, 0.3445, 0.3743** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.6193, 0.2791, 0.2793**, and the grayscale version is **62.5423, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2710, 0.3298, 0.3572**, and **32.5824, 0.3518, 0.3857** is the 20% darker color. If you saturate the color by 10%, you get **61.5252, 0.3608, 0.3969**, and if you desaturate by 10%, it is **65.5935, 0.3286, 0.3518**.

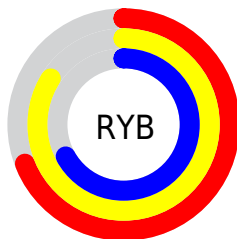
Distribution



Red (84%)

Green (82%)

Blue (67%)



Red (69%)

Yellow (84%)

Blue (67%)

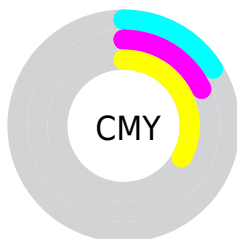


Cyan (0%)

Magenta (2%)

Yellow (20%)

Black (16%)



Cyan (16%)

Magenta (18%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.4805, 0.3445, 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 63.4805, 0.3445, 0.3743 by changing the saturation by 10% instead.

■ 63.4805, 0.3445,
0.3743

■ 63.4805, 0.3445,
0.3743

437.3112, 0.3296,
0.3527

■ 46.2300, 0.3479,
0.3794

■ 109.8624, 0.3393,
0.3667

■ 32.4274, 0.3522,
0.3858

139.7627, 0.3373,
0.3637

■ 21.6882, 0.3576,
0.3940

174.6483, 0.3355,
0.3612

■ 13.6279, 0.3646,
0.4049

214.9038, 0.3340,
0.3590

■ 7.8624, 0.3741,
0.4199

260.9134, 0.3327,
0.3571

■ 4.0070, 0.3873,
0.4421

313.0616, 0.3316,

■ 1.6775, 0.4255,

0.3555

0.4994

371.7327, 0.3305,
0.3540

0.4090, 0.4037,
0.5963

0.0000, 0.0000,
0.0000

63.4805, 0.3445,
0.3743

63.4805, 0.3445,
0.3743

61.5252, 0.3608,
0.3969

65.5935, 0.3286,
0.3518

59.7126, 0.3771,
0.4188

67.8617, 0.3134,
0.3300

58.0384, 0.3928,
0.4390

70.2937, 0.2993,
0.3093

56.4949, 0.4072,
0.4567

72.7660, 0.2874,
0.2919

■ 55.0736, 0.4196,
0.4709

■ 74.0637, 0.2875,
0.2946

■ 53.7644, 0.4295,
0.4808

■ 75.3805, 0.2876,
0.2972

■ 52.5559, 0.4366,
0.4862

■ 76.7163, 0.2877,
0.2998

■ 51.4798, 0.4412,
0.4879

■ 78.0714, 0.2878,
0.3025

■ 79.4457, 0.2879,
0.3051

Harmonies

Analogous

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



63.4805, 0.3606, 0.3639



63.4805, 0.3445, 0.3743



63.4805, 0.3202, 0.3720

Triad

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



63.4805, 0.3445, 0.3743



63.4805, 0.2644, 0.3095



63.4805, 0.3299, 0.3036

Complementary

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



63.4805, 0.3445, 0.3743



44.6193, 0.2791, 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.



63.4805, 0.3036, 0.2902



63.4805, 0.3445, 0.3743



63.4805, 0.2666, 0.2927

Square

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



63.4805, 0.3445, 0.3743



63.4805, 0.2744, 0.3331



63.4805, 0.2807, 0.2860



63.4805, 0.3522, 0.3233

Rectangle

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



63.4805, 0.3445, 0.3743



63.4805, 0.3028, 0.3630



63.4805, 0.2807, 0.2860



63.4805, 0.3212, 0.2982

Sweetspot

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



63.4833, 0.3445, 0.3743



97.9432, 0.3218, 0.3421



46.7094, 0.3487, 0.3229



20.9171, 0.3228, 0.3435



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.



63.4833, 0.3445, 0.3743



91.9933, 0.3522, 0.3851



63.5813, 0.3303, 0.3820



14.2663, 0.3269, 0.3495



30.8809, 0.4408, 0.4882



1.9330, 0.4366, 0.4915

Inverse Universe

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



44.6193, 0.2791, 0.2793



58.9612, 0.2702, 0.2659



44.7006, 0.2922, 0.2748



12.2349, 0.2981, 0.3077



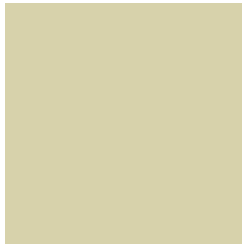
3.4181, 0.1524, 0.0688



0.2845, 0.1586, 0.0909

Previews

White Background



This preview shows how the Yxy color 63.4805, 0.3445, 0.3743 looks on a white background.

Color Contrast Check

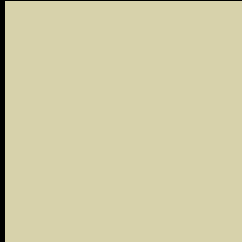
Large Text (above 18pt) WCAG AA × Fail

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 63.4805, 0.3445, 0.3743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

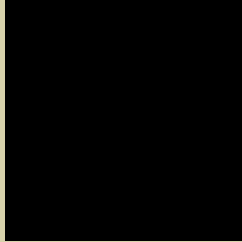
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

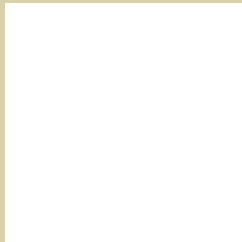
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.4805, 0.3445, 0.3743

Background



This preview shows how black text looks on a background with the Yxy color 63.4805, 0.3445, 0.3743.



This preview shows how white text looks on a background with the Yxy color 63.4805, 0.3445, 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

63.4805, 0.3445, 0.3743

Protanopia

63.3862, 0.3505, 0.3726

Deuteranopia

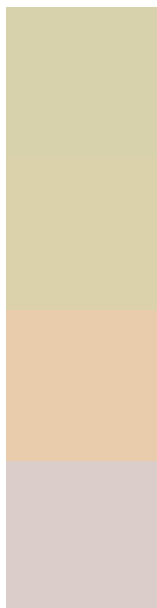
63.4912, 0.3664, 0.3596



Tritanopia

63.1985, 0.3151, 0.3113

Trichromacy



Original Color

63.4805, 0.3445, 0.3743

Protanomaly

63.5633, 0.3486, 0.3739

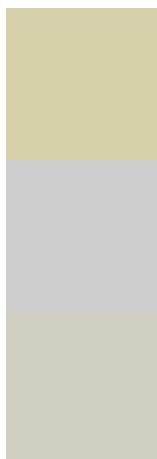
Deuteranomaly

63.3201, 0.3590, 0.3647

Tritanomaly

63.4670, 0.3256, 0.3336

Monochromacy



Original Color

63.4805, 0.3445, 0.3743

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.7084, 0.3241, 0.3453

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.4805, 0.3445, 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(215, 210, 171)` looks like.

```
.text, #text, p{  
    color:rgb(215, 210, 171)  
}
```

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, 210, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 210, 171) }
```

Border

The CSS property to change the border of an element to Yxy 63.4805, 0.3445, 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(215, 210, 171) }
```

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

```
.border{ border-color:rgb(215, 210, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 210, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 210, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 210, 171);  
box-shadow:4px 4px 4px 4px rgb(215, 210,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 63.4805, 0.3445, 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(215, 210, 171) }
```

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

```
.background{ background-color: rgb(215,  
210, 171) }
```

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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