

Converting Colors

$Yxy(63.2402, 0.3459, 0.3648)$

Have a look what the booklet for
Yxy(63.2402, 0.3459, 0.3648)
contains.

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Color

Yxy(63.1324, 0.3462, 0.3645)

Conversions

Conversions Part 1

Format	Color
Hex	DDCFB0
RGB	221, 207, 176
RGB Percent	87%, 81%, 69%
CMY	0.1334, 0.1882, 0.3097
CMYK	0.00, 0.06, 0.20, 0.13
HSL	41°, 40%, 78%
HSV	41°, 20%, 87%
XYZ	59.9628, 63.1324, 50.1076
YIQ	207.6520, 18.2950, -6.6730

Conversions

Conversions Part 2

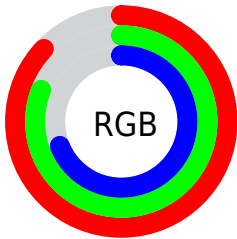
Format	Color
R _{YB}	196, 221, 176
Decimal	14536624
CIE Lab	83.51, -0.10, 17.16
CIE LCh	84, 17.162, 90.339
Yxy	63.1324, 0.3462, 0.3645
Android (android.graphics.Color)	4292726704 (0xFFDDCFB0)
YUV	207.6520, -15.6044, 11.7062
Hunter-Lab	79.4559, -4.3397, 18.2289

Details

The Yxy color **63.1324, 0.3462, 0.3645** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.2671, 0.2800, 0.2908**, and the grayscale version is **62.9336, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6062, 0.3262, 0.3513**, and **32.3195, 0.3554, 0.3742** is the 20% darker color. If you saturate the color by 10%, you get **59.0774, 0.3649, 0.3827**, and if you desaturate by 10%, it is **67.4799, 0.3289, 0.3467**.

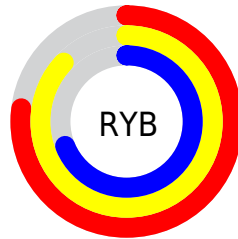
Distribution



Red (87%)

Green (81%)

Blue (69%)



Red (77%)

Yellow (87%)

Blue (69%)

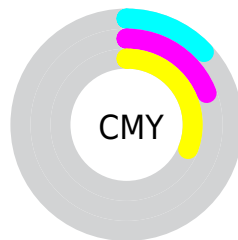


Cyan (0%)

Magenta (6%)

Yellow (20%)

Black (13%)



Cyan (13%)


Magenta (19%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.1324, 0.3462, 0.3645 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 63.1324, 0.3462, 0.3645 by changing the saturation by 10% instead.


 63.1324, 0.3462,
0.3645

 63.1324, 0.3462,
0.3645


436.0498, 0.3303,
0.3477

 45.9483, 0.3499,
0.3684


 109.3605, 0.3406,
0.3586

 32.2050, 0.3545,
0.3733

139.1733, 0.3385,
0.3563

 21.5182, 0.3604,
0.3796


173.9645, 0.3366,
0.3544

 13.5033, 0.3682,
0.3879

214.1185, 0.3350,
0.3527

 7.7760, 0.3790,
0.3993

260.0196, 0.3336,
0.3512

 3.9520, 0.3946,
0.4159

312.0523, 0.3324,

 1.6467, 0.4293,

0.3499

0.4528

370.6009, 0.3313,
0.3487

0.3888, 0.4856,
0.5144

0.0000, 0.0000,
0.0000

63.1324, 0.3462,
0.3645

63.1324, 0.3462,
0.3645

59.0774, 0.3649,
0.3827

67.4799, 0.3289,
0.3467

55.2978, 0.3847,
0.4006

72.1196, 0.3132,
0.3296

51.7871, 0.4051,
0.4174

77.0622, 0.2991,
0.3135

48.5352, 0.4255,
0.4321

81.6943, 0.2917,
0.3078

■ 45.5311, 0.4448,
0.4435

■ 85.6871, 0.2919,
0.3150

■ 42.7624, 0.4622,
0.4506

■ 89.8330, 0.2921,
0.3220

■ 40.2148, 0.4768,
0.4528

■ 94.1077, 0.2923,
0.3289

■ 37.9418, 0.4881,
0.4506

Harmonies

Analogous

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



63.1324, 0.3553, 0.3525



63.1324, 0.3462, 0.3645



63.1324, 0.3281, 0.3670

Triad

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



63.1324, 0.3462, 0.3645



63.1324, 0.2744, 0.3207



63.1324, 0.3180, 0.3020

Complementary

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



63.1324, 0.3462, 0.3645



51.2671, 0.2800, 0.2908

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.



63.1324, 0.2964, 0.2937



63.1324, 0.3462, 0.3645



63.1324, 0.2718, 0.3036

Square

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



63.1324, 0.3462, 0.3645



63.1324, 0.2868, 0.3411



63.1324, 0.2797, 0.2941



63.1324, 0.3388, 0.3168

Rectangle

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



63.1324, 0.3462, 0.3645



63.1324, 0.3137, 0.3625



63.1324, 0.2797, 0.2941



63.1324, 0.3106, 0.2983

Sweetspot

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



63.1352, 0.3462, 0.3645



96.0598, 0.3220, 0.3392



50.1538, 0.3406, 0.3125



20.4709, 0.3230, 0.3403



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.



63.1352, 0.3462, 0.3645



85.1358, 0.3532, 0.3715



68.9390, 0.3370, 0.3805



14.5462, 0.3274, 0.3451



22.2574, 0.4868, 0.4517



1.5927, 0.4731, 0.4625

Inverse Universe

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



51.2671, 0.2800, 0.2908



66.1519, 0.2733, 0.2825



46.4985, 0.2852, 0.2740



13.2735, 0.2981, 0.3124



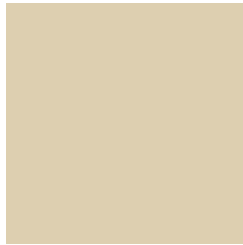
5.6560, 0.1620, 0.1030



0.5174, 0.1711, 0.1358

Previews

White Background



This preview shows how the Yxy color 63.1324, 0.3462, 0.3645 looks on a white background.

Color Contrast Check

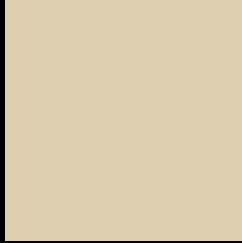
Large Text (above 18pt) WCAG AA × Fail

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 63.1324, 0.3462, 0.3645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

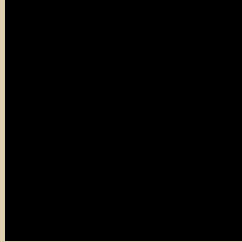
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

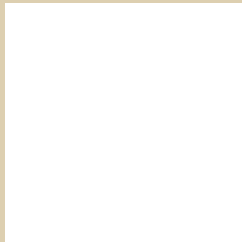
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.1324, 0.3462, 0.3645

Background



This preview shows how black text looks on a background with the Yxy color 63.1324, 0.3462, 0.3645.

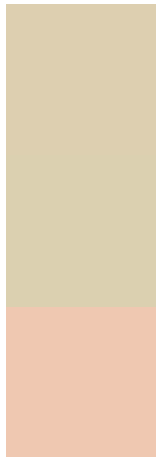


This preview shows how white text looks on a background with the Yxy color 63.1324, 0.3462, 0.3645.

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

63.1324, 0.3462, 0.3645

Protanopia

63.3064, 0.3444, 0.3658

Deuteranopia

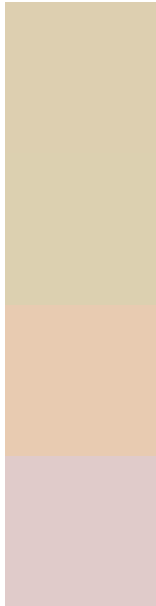
62.8336, 0.3619, 0.3543



Tritanopia

62.9518, 0.3205, 0.3115

Trichromacy



Original Color

63.1324, 0.3462, 0.3645

Protanomaly

63.4620, 0.3452, 0.3657

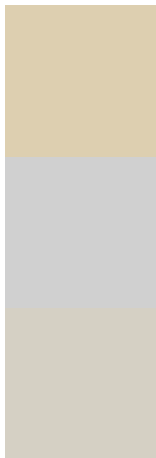
Deuteranomaly

63.0420, 0.3554, 0.3580

Tritanomaly

62.8234, 0.3298, 0.3302

Monochromacy



Original Color

63.1324, 0.3462, 0.3645

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.2434, 0.3250, 0.3428

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.1324, 0.3462, 0.3645 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(221, 207, 176)` looks like.

```
.text, #text, p{  
    color:rgb(221, 207, 176)  
}
```

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(221, 207, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 207, 176) }
```

Border

The CSS property to change the border of an element to Yxy 63.1324, 0.3462, 0.3645 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(221, 207, 176) }
```

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

```
.border{ border-color:rgb(221, 207, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 207, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 207, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 207, 176);  
box-shadow:4px 4px 4px 4px rgb(221, 207,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 63.1324, 0.3462, 0.3645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 207, 176) }
```

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

```
.background{ background-color: rgb(221,  
207, 176) }
```

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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