

Converting Colors

Yxy(63.5134, 0.3291, 0.3659)

Have a look what the booklet for
Yxy(63.5134, 0.3291, 0.3659)
contains.

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Color

Yxy(63.4023, 0.3291, 0.3656)

Conversions

Conversions Part 1

Format	Color
Hex	CDD4B5
RGB	205, 212, 181
RGB Percent	80%, 83%, 71%
CMY	0.1958, 0.1687, 0.2902
CMYK	0.03, 0.00, 0.15, 0.17
HSL	73°, 26%, 77%
HSV	73°, 15%, 83%
XYZ	57.0725, 63.4023, 52.9451
YIQ	206.3730, 5.7790, -11.1250

Conversions

Conversions Part 2

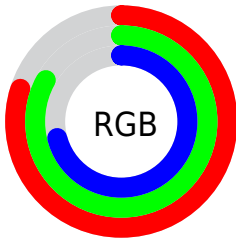
Format	Color
RYB	181, 212, 188
Decimal	13489333
CIELab	83.65, -7.72, 14.54
CIELCh	84, 16.464, 117.946
Yxy	63.4023, 0.3291, 0.3656
Android (android.graphics.Color)	4291679413 (0xFFCDD4B5)
YUV	206.3730, -12.5089, -1.2041
Hunter-Lab	79.6256, -11.4029, 16.3144

Details

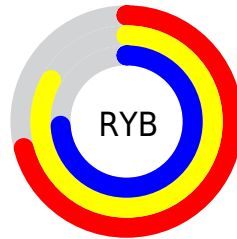
The Yxy color **63.4023, 0.3291, 0.3656** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **48.4833, 0.2948, 0.2909**, and the grayscale version is **62.0585, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8944, 0.3232, 0.3464**, and **32.2518, 0.3335, 0.3746** is the 20% darker color. If you saturate the color by 10%, you get **61.9356, 0.3403, 0.3920**, and if you desaturate by 10%, it is **65.0274, 0.3178, 0.3402**.

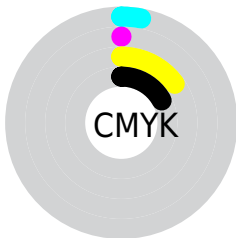
Distribution



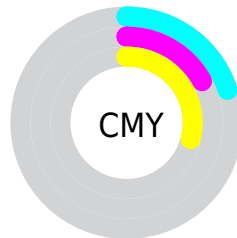
- Red (80%)
- Green (83%)
- Blue (71%)



- Red (71%)
- Yellow (83%)
- Blue (74%)



- Cyan (3%)
- Magenta (0%)
- Yellow (15%)
- Black (17%)




- Cyan (20%)
- Magenta (17%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.4023, 0.3291, 0.3656 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 63.4023, 0.3291, 0.3656 by changing the saturation by 10% instead.

 63.4023, 0.3291,
0.3656

 63.4023, 0.3291,
0.3656


437.0280, 0.3215,
0.3480

 46.1667, 0.3308,
0.3698


 109.7497, 0.3264,
0.3593

 32.3774, 0.3330,
0.3751


139.6303, 0.3254,
0.3570

 21.6499, 0.3357,
0.3819


174.4948, 0.3245,
0.3549

 13.5999, 0.3393,
0.3911

214.7274, 0.3238,
0.3532

 7.8429, 0.3441,
0.4042

260.7127, 0.3231,
0.3516

 3.9946, 0.3508,
0.4240

312.8350, 0.3225,

 1.6705, 0.3642,

0.3503

0.4619

371.4786, 0.3219,
0.3491

0.4045, 0.3265,
0.6735

0.0000, 0.0000,
0.0000

63.4023, 0.3291,
0.3656

63.4023, 0.3291,
0.3656

61.9356, 0.3403,
0.3920

65.0274, 0.3178,
0.3402

60.6129, 0.3512,
0.4188

66.8082, 0.3069,
0.3163


59.4303, 0.3611,
0.4451

68.7532, 0.2964,
0.2942


58.3806, 0.3696,
0.4698


70.1523, 0.2931,
0.2842


 57.4560, 0.3762,
0.4918

 70.9206, 0.2963,
0.2846


 56.6476, 0.3804,
0.5100


 71.7101, 0.2996,
0.2851

 55.9451, 0.3820,
0.5238

 72.5211, 0.3029,
0.2855

 55.3362, 0.3811,
0.5330

 73.3538, 0.3062,
0.2859

 55.0356, 0.3799,
0.5365

 74.2082, 0.3095,
0.2864

Harmonies

Analogous

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



63.4023, 0.3459, 0.3624



63.4023, 0.3291, 0.3656



63.4023, 0.3083, 0.3582

Triad

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



63.4023, 0.3291, 0.3656



63.4023, 0.2733, 0.3058



63.4023, 0.3363, 0.3161

Complementary

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



63.4023, 0.3291, 0.3656



48.4833, 0.2948, 0.2909

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.



63.4023, 0.3161, 0.3021



63.4023, 0.3291, 0.3656



63.4023, 0.2801, 0.2959

Square

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



63.4023, 0.3291, 0.3656



63.4023, 0.2766, 0.3226



63.4023, 0.2956, 0.2948



63.4023, 0.3502, 0.3334

Rectangle

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



63.4023, 0.3291, 0.3656



63.4023, 0.2951, 0.3482



63.4023, 0.2956, 0.2948



63.4023, 0.3299, 0.3109

Sweetspot

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



63.4051, 0.3291, 0.3656



98.9303, 0.3172, 0.3388



53.1762, 0.3386, 0.3371



21.1330, 0.3180, 0.3407



0.0000, 0.0000, 0.0000



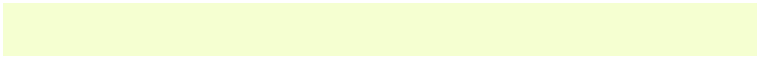
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.4051, 0.3291, 0.3656



95.4932, 0.3331, 0.3749



61.3365, 0.3174, 0.3669



14.3734, 0.3232, 0.3523



34.0265, 0.3805, 0.5361



2.0876, 0.3875, 0.5305

Inverse Universe

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



48.4833, 0.2948, 0.2909



67.9868, 0.2898, 0.2807



50.5266, 0.3071, 0.2923



12.1413, 0.3016, 0.3051



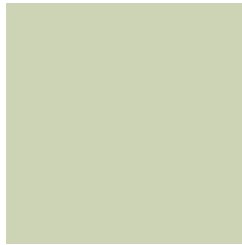
3.3506, 0.1623, 0.0668



0.2396, 0.1796, 0.0763

Previews

White Background



This preview shows how the Yxy color 63.4023, 0.3291, 0.3656 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 63.4023, 0.3291, 0.3656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

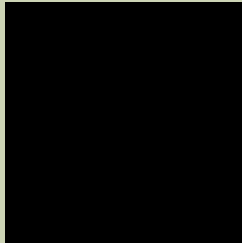
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

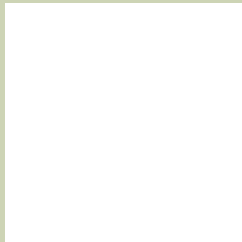
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.4023, 0.3291, 0.3656

Background



This preview shows how black text looks on a background with the Yxy color 63.4023, 0.3291, 0.3656.



This preview shows how white text looks on a background with the Yxy color 63.4023, 0.3291, 0.3656.

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

63.4023, 0.3291, 0.3656

Protanopia

63.4265, 0.3422, 0.3623

Deuteranopia

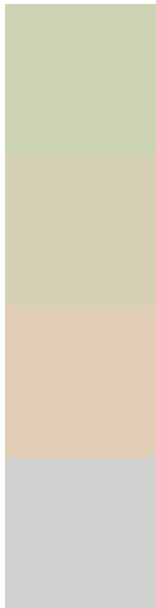
63.3693, 0.3561, 0.3488



Tritanopia

63.2654, 0.3054, 0.3110

Trichromacy



Original Color

63.4023, 0.3291, 0.3656

Protanomaly

63.1924, 0.3373, 0.3627

Deuteranomaly

63.2088, 0.3462, 0.3550

Tritanomaly

63.1721, 0.3142, 0.3302

Monochromacy



Original Color

63.4023, 0.3291, 0.3656

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.2648, 0.3189, 0.3419

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.4023, 0.3291, 0.3656 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(205, 212, 181)` looks like.

```
.text, #text, p{  
    color:rgb(205, 212, 181)  
}
```

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(205, 212, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 212, 181) }
```

Border

The CSS property to change the border of an element to Yxy 63.4023, 0.3291, 0.3656 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(205, 212, 181) }
```

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

```
.border{ border-color:rgb(205, 212, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 212, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 212, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 212, 181);  
box-shadow:4px 4px 4px 4px rgb(205, 212,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 63.4023, 0.3291, 0.3656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 212, 181) }
```

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

```
.background{ background-color: rgb(205,  
212, 181) }
```

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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