

Converting Colors

Yxy(64.8346, 0.3269, 0.3696)

Have a look what the booklet for
Yxy(64.8346, 0.3269, 0.3696)
contains.

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Color

Yxy(64.6336, 0.3271, 0.3692)

Conversions

Conversions Part 1

Format	Color
Hex	CBD7B5
RGB	203, 215, 181
RGB Percent	80%, 84%, 71%
CMY	0.2040, 0.1568, 0.2902
CMYK	0.06, 0.00, 0.16, 0.16
HSL	81°, 30%, 78%
HSV	81°, 16%, 84%
XYZ	57.2634, 64.6336, 53.1669
YIQ	207.5360, 3.7620, -13.1180

Conversions

Conversions Part 2

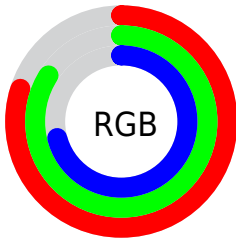
Format	Color
RYB	181, 215, 193
Decimal	13359029
CIELab	84.29, -10.01, 15.43
CIElCh	84, 18.392, 122.970
Yxy	64.6336, 0.3271, 0.3692
Android (android.graphics.Color)	4291549109 (0xFFCBD7B5)
YUV	207.5360, -13.0822, -3.9781
Hunter-Lab	80.3950, -13.5501, 17.0668

Details

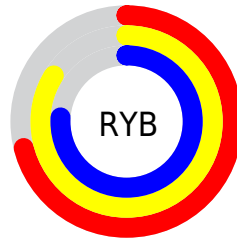
The Yxy color **64.6336, 0.3271, 0.3692** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.2915, 0.2966, 0.2879**, and the grayscale version is **62.8436, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8944, 0.3232, 0.3464**, and **33.0897, 0.3308, 0.3793** is the 20% darker color. If you saturate the color by 10%, you get **62.7790, 0.3361, 0.3965**, and if you desaturate by 10%, it is **66.6825, 0.3180, 0.3433**.

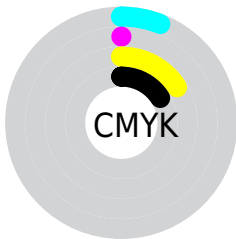
Distribution



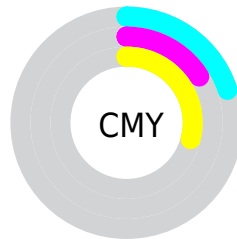
- Red (80%)
- Green (84%)
- Blue (71%)



- Red (71%)
- Yellow (84%)
- Blue (76%)



- Cyan (6%)
- Magenta (0%)
- Yellow (16%)
- Black (16%)





- Cyan (20%)
- Magenta (16%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.6336, 0.3271, 0.3692 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 64.6336, 0.3271, 0.3692 by changing the saturation by 10% instead.


 64.6336, 0.3271,
0.3692

 64.6336, 0.3271,
0.3692


441.4741, 0.3205,
0.3498

 47.1640, 0.3286,
0.3738


 111.5229, 0.3248,
0.3623

 33.1654, 0.3304,
0.3796


141.7115, 0.3239,
0.3597

 22.2531, 0.3327,
0.3871


176.9085, 0.3232,
0.3575

 14.0430, 0.3356,
0.3973

217.4983, 0.3225,
0.3555

 8.1506, 0.3395,
0.4116

263.8654, 0.3219,
0.3538

 4.1915, 0.3446,
0.4333

316.3942, 0.3214,

 1.7812, 0.3546,

0.3523

0.4739

375.4689, 0.3209,
0.3510

0.4754, 0.3039,
0.6961

0.0000, 0.0000,
0.0000

64.6336, 0.3271,
0.3692

64.6336, 0.3271,
0.3692

62.7790, 0.3361,
0.3965

66.6825, 0.3180,
0.3433

61.1032, 0.3445,
0.4246


68.9237, 0.3090,
0.3192

59.6016, 0.3519,
0.4526

71.3663, 0.3003,
0.2970

58.2662, 0.3579,
0.4794


73.2194, 0.2995,
0.2882

 57.0879, 0.3619,
0.5036


 74.5304, 0.3048,
0.2889


 56.0569, 0.3636,
0.5241

 75.8973, 0.3101,
0.2895

 55.1618, 0.3628,
0.5398

 77.0876, 0.3145,
0.2901

 54.3885, 0.3596,
0.5505

 54.0915, 0.3579,
0.5540

Harmonies

Analogous

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



64.6336, 0.3469, 0.3674



64.6336, 0.3271, 0.3692



64.6336, 0.3039, 0.3591

Triad

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



64.6336, 0.3271, 0.3692



64.6336, 0.2696, 0.3008



64.6336, 0.3421, 0.3177

Complementary

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



64.6336, 0.3271, 0.3692



49.2915, 0.2966, 0.2879

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.



64.6336, 0.3204, 0.3015



64.6336, 0.3271, 0.3692



64.6336, 0.2789, 0.2915

Square

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



64.6336, 0.3271, 0.3692



64.6336, 0.2713, 0.3183



64.6336, 0.2972, 0.2920



64.6336, 0.3560, 0.3371

Rectangle

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



64.6336, 0.3271, 0.3692



64.6336, 0.2898, 0.3470



64.6336, 0.2972, 0.2920



64.6336, 0.3354, 0.3117

Sweetspot

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



64.6364, 0.3271, 0.3692



98.3603, 0.3173, 0.3413



55.8796, 0.3402, 0.3431



21.0051, 0.3179, 0.3431



0.0000, 0.0000, 0.0000



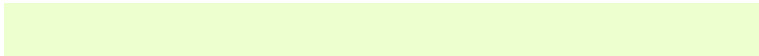
21.4041, 0.3127, 0.3290

Same Dimension

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



64.6364, 0.3271, 0.3692



94.1556, 0.3301, 0.3783



62.3941, 0.3145, 0.3708



14.2900, 0.3213, 0.3524



32.4101, 0.3588, 0.5533



2.0004, 0.3694, 0.5449

Inverse Universe

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



49.2915, 0.2966, 0.2879



67.4260, 0.2927, 0.2784



51.6388, 0.3103, 0.2896



12.2203, 0.3036, 0.3053



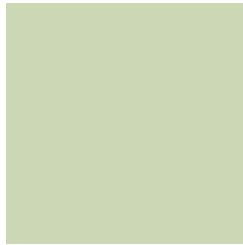
3.9092, 0.1779, 0.0754



0.2814, 0.1975, 0.0862

Previews

White Background



This preview shows how the Yxy color 64.6336, 0.3271, 0.3692 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 64.6336, 0.3271, 0.3692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

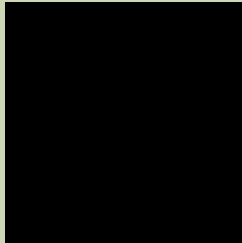
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

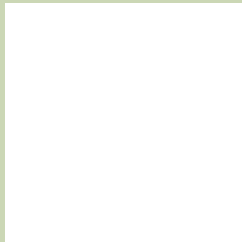
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.6336, 0.3271, 0.3692

Background



This preview shows how black text looks on a background with the Yxy color 64.6336, 0.3271, 0.3692.



This preview shows how white text looks on a background with the Yxy color 64.6336, 0.3271, 0.3692.

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

64.6336, 0.3271, 0.3692

Protanopia

64.6797, 0.3441, 0.3655

Deuteranopia

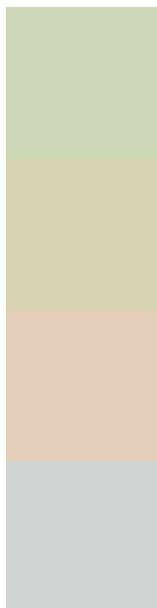
64.2270, 0.3567, 0.3487



Tritanopia

64.5925, 0.3018, 0.3110

Trichromacy



Original Color

64.6336, 0.3271, 0.3692

Protanomaly

64.6378, 0.3375, 0.3672

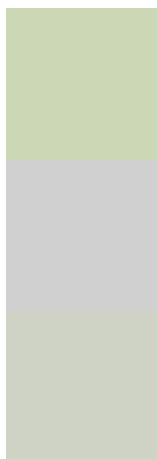
Deuteranomaly

64.3754, 0.3458, 0.3560

Tritanomaly

64.4574, 0.3111, 0.3313

Monochromacy



Original Color

64.6336, 0.3271, 0.3692

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.7876, 0.3180, 0.3441

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.6336, 0.3271, 0.3692 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(203, 215, 181)` looks like.

```
.text, #text, p{  
    color:rgb(203, 215, 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(203, 215, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 215, 181) }
```

Border

The CSS property to change the border of an element to Yxy 64.6336, 0.3271, 0.3692 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(203, 215, 181) }
```

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

```
.border{ border-color:rgb(203, 215, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 215, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 215, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 215, 181);  
box-shadow:4px 4px 4px 4px rgb(203, 215,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 64.6336, 0.3271, 0.3692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 215, 181) }
```

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

```
.background{ background-color: rgb(203,  
215, 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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