

Converting Colors

Yxy(64.2549, 0.3250, 0.3694)

Have a look what the booklet for
Yxy(64.2549, 0.3250, 0.3694)
contains.

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Color

Yxy(64.2164, 0.3248, 0.3695)

Conversions

Conversions Part 1

Format	Color
Hex	C8D7B5
RGB	200, 215, 181
RGB Percent	78%, 84%, 71%
CMY	0.2159, 0.1568, 0.2902
CMYK	0.07, 0.00, 0.16, 0.16
HSL	87°, 30%, 78%
HSV	87°, 16%, 84%
XYZ	56.4479, 64.2164, 53.1284
YIQ	206.6390, 1.9740, -13.7540

Conversions

Conversions Part 2

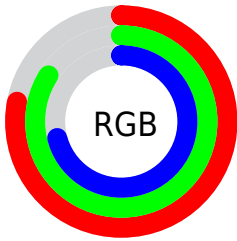
Format	Color
RYB	181, 215, 196
Decimal	13162421
CIELab	84.08, -11.09, 15.10
CIElCh	84, 18.732, 126.306
Yxy	64.2164, 0.3248, 0.3695
Android (android.graphics.Color)	4291352501 (0xFFC8D7B5)
YUV	206.6390, -12.6400, -5.8224
Hunter-Lab	80.1351, -14.4996, 16.7862

Details

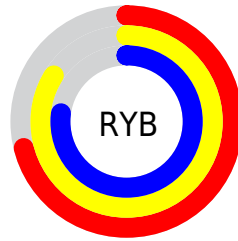
The Yxy color **64.2164, 0.3248, 0.3695** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.6947, 0.2991, 0.2882**, and the grayscale version is **62.2299, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8944, 0.3232, 0.3464**, and **32.8111, 0.3278, 0.3798** is the 20% darker color. If you saturate the color by 10%, you get **62.1330, 0.3322, 0.3974**, and if you desaturate by 10%, it is **66.5233, 0.3172, 0.3433**.

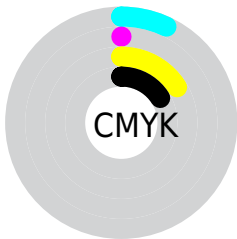
Distribution



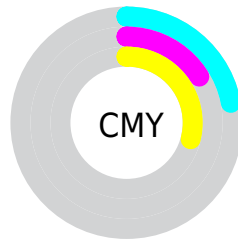
- Red (78%)
- Green (84%)
- Blue (71%)



- Red (71%)
- Yellow (84%)
- Blue (77%)



- Cyan (7%)
- Magenta (0%)
- Yellow (16%)
- Black (16%)





- Cyan (22%)
- Magenta (16%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.2164, 0.3248, 0.3695 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 64.2164, 0.3248, 0.3695 by changing the saturation by 10% instead.


 64.2164, 0.3248,
0.3695

 64.2164, 0.3248,
0.3695


439.9707, 0.3193,
0.3499

 46.8260, 0.3260,
0.3742


 110.9225, 0.3229,
0.3625

 32.8981, 0.3275,
0.3801


141.0070, 0.3222,
0.3599

 22.0484, 0.3294,
0.3877


176.0916, 0.3215,
0.3576

 13.8925, 0.3318,
0.3980

216.5608, 0.3210,
0.3557

 8.0459, 0.3348,
0.4127

262.7989, 0.3205,
0.3540

 4.1243, 0.3388,
0.4350

315.1903, 0.3200,

 1.7434, 0.3469,

0.3525

0.4774

374.1194, 0.3196,
0.3511

0.4515, 0.2597,
0.7403

0.0000, 0.0000,
0.0000

64.2164, 0.3248,
0.3695

64.2164, 0.3248,
0.3695

62.1330, 0.3322,
0.3974

66.5233, 0.3172,
0.3433

60.2571, 0.3391,
0.4264


69.0527, 0.3096,
0.3192


58.5831, 0.3450,
0.4556


71.8141, 0.3022,
0.2972


57.1024, 0.3494,
0.4839


74.0173, 0.3027,
0.2886

 55.8050, 0.3520,
0.5098


 75.7105, 0.3093,
0.2894

 54.6803, 0.3523,
0.5320

 77.0919, 0.3145,
0.2901

 53.7160, 0.3503,
0.5492

 52.8970, 0.3461,
0.5611

 52.5880, 0.3440,
0.5650

Harmonies

Analogous

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



64.2164, 0.3457, 0.3690



64.2164, 0.3248, 0.3695



64.2164, 0.3012, 0.3579

Triad

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



64.2164, 0.3248, 0.3695



64.2164, 0.2693, 0.2986



64.2164, 0.3448, 0.3196

Complementary

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



64.2164, 0.3248, 0.3695



49.6947, 0.2991, 0.2882

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.



64.2164, 0.3232, 0.3025



64.2164, 0.3248, 0.3695



64.2164, 0.2799, 0.2903

Square

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



64.2164, 0.3248, 0.3695



64.2164, 0.2697, 0.3158



64.2164, 0.2994, 0.2919



64.2164, 0.3577, 0.3395

Rectangle

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



64.2164, 0.3248, 0.3695



64.2164, 0.2871, 0.3450



64.2164, 0.2994, 0.2919



64.2164, 0.3383, 0.3134

Sweetspot

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



64.2192, 0.3248, 0.3695



98.1502, 0.3166, 0.3414



57.1468, 0.3397, 0.3464



20.9540, 0.3171, 0.3432



0.0000, 0.0000, 0.0000



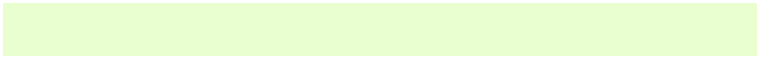
21.4041, 0.3127, 0.3290

Same Dimension

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



64.2192, 0.3248, 0.3695



93.4169, 0.3273, 0.3787



62.0463, 0.3124, 0.3711



14.2336, 0.3199, 0.3525



31.5106, 0.3451, 0.5642



1.9493, 0.3574, 0.5544

Inverse Universe

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



49.6947, 0.2991, 0.2882



68.1242, 0.2957, 0.2788



52.0594, 0.3127, 0.2898



12.2752, 0.3050, 0.3054



4.4584, 0.1923, 0.0833



0.3175, 0.2118, 0.0941

Previews

White Background



This preview shows how the Yxy color 64.2164, 0.3248, 0.3695 looks on a white background.

Color Contrast Check

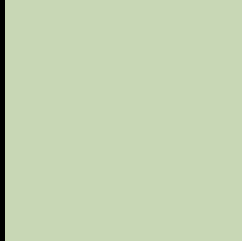
Large Text (above 18pt) WCAG AA × Fail

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 64.2164, 0.3248, 0.3695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

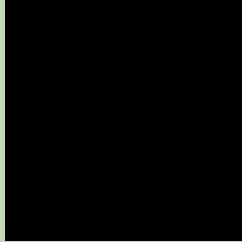
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

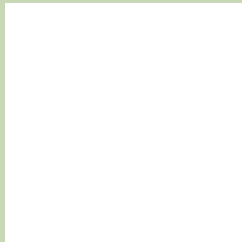
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.2164, 0.3248, 0.3695

Background



This preview shows how black text looks on a background with the Yxy color 64.2164, 0.3248, 0.3695.



This preview shows how white text looks on a background with the Yxy color 64.2164, 0.3248, 0.3695.

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

64.2164, 0.3248, 0.3695

Protanopia

64.0309, 0.3435, 0.3645

Deuteranopia

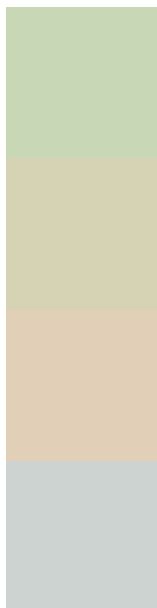
64.0525, 0.3559, 0.3487



Tritanopia

64.3026, 0.3004, 0.3109

Trichromacy



Original Color

64.2164, 0.3248, 0.3695

Protanomaly

63.9893, 0.3369, 0.3662

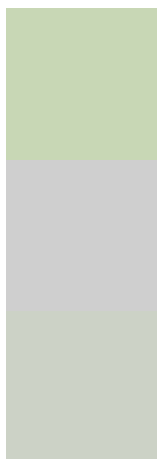
Deuteranomaly

64.0521, 0.3442, 0.3561

Tritanomaly

64.0293, 0.3089, 0.3313

Monochromacy



Original Color

64.2164, 0.3248, 0.3695

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

63.0078, 0.3165, 0.3430

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.2164, 0.3248, 0.3695 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(200, 215, 181)` looks like.

```
.text, #text, p{  
    color:rgb(200, 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(200, 215, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 215, 181) }
```

Border

The CSS property to change the border of an element to Yxy 64.2164, 0.3248, 0.3695 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(200, 215, 181) }
```

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

```
.border{ border-color:rgb(200, 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(200, 215, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 215, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 215, 181);  
box-shadow:4px 4px 4px 4px rgb(200, 215,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 64.2164, 0.3248, 0.3695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 215, 181) }
```

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

```
.background{ background-color: rgb(200,  
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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