

Converting Colors

Yxy(64.6364, 0.3176, 0.3520)

Have a look what the booklet for
Yxy(64.6364, 0.3176, 0.3520)
contains.

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Color

Yxy(64.5447, 0.3175, 0.3525)

Conversions

Conversions Part 1

Format	Color
Hex	CAD6C2
RGB	202, 214, 194
RGB Percent	79%, 84%, 76%
CMY	0.2079, 0.1607, 0.2393
CMYK	0.06, 0.00, 0.09, 0.16
HSL	96°, 20%, 80%
HSV	96°, 9%, 84%
XYZ	58.1360, 64.5447, 60.4248
YIQ	208.1320, -0.7320, -8.7640

Conversions

Conversions Part 2

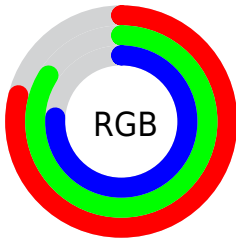
Format	Color
RYB	194, 214, 206
Decimal	13293250
CIELab	84.25, -7.68, 8.49
CIELCh	84, 11.444, 132.126
Yxy	64.5447, 0.3175, 0.3525
Android (android.graphics.Color)	4291483330 (0xFFCAD6C2)
YUV	208.1320, -6.9671, -5.3778
Hunter-Lab	80.3397, -11.4270, 11.6448

Details

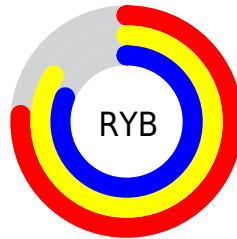
The Yxy color **64.5447, 0.3175, 0.3525** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.5580, 0.3075, 0.3057**, and the grayscale version is **63.2121, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6821, 0.3156, 0.3338**, and **32.9856, 0.3191, 0.3587** is the 20% darker color. If you saturate the color by 10%, you get **61.9348, 0.3225, 0.3799**, and if you desaturate by 10%, it is **67.4481, 0.3124, 0.3275**.

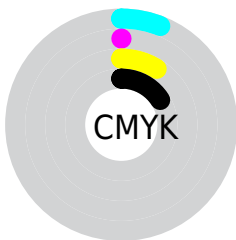
Distribution



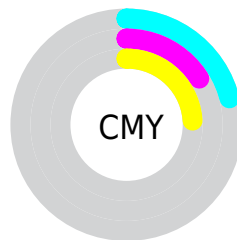
- Red (79%)
- Green (84%)
- Blue (76%)



- Red (76%)
- Yellow (84%)
- Blue (81%)



- Cyan (6%)
- Magenta (0%)
- Yellow (9%)
- Black (16%)



- Cyan (21%)
- Magenta (16%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.5447, 0.3175, 0.3525 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 64.5447, 0.3175, 0.3525 by changing the saturation by 10% instead.

■ 64.5447, 0.3175,
0.3525

■ 64.5447, 0.3175,
0.3525

441.1540, 0.3153,
0.3412

■ 47.0920, 0.3180,
0.3552

■ 111.3950, 0.3167,
0.3485

■ 33.1084, 0.3186,
0.3585

141.5614, 0.3165,
0.3470

■ 22.2095, 0.3194,
0.3629

176.7345, 0.3162,
0.3457

■ 14.0109, 0.3203,
0.3688

217.2987, 0.3160,
0.3445

■ 8.1283, 0.3216,
0.3771

263.6383, 0.3158,
0.3436

■ 4.1771, 0.3234,
0.3897

316.1378, 0.3156,

■ 1.7731, 0.3259,

0.3427

0.4113

375.1816, 0.3155,
0.3419

0.4703, 0.3557,
0.6443

0.0000, 0.0000,
0.0000

64.5447, 0.3175,
0.3525

64.5447, 0.3175,
0.3525

61.9348, 0.3225,
0.3799

67.4481, 0.3124,
0.3275

59.6006, 0.3271,
0.4094

70.6456, 0.3073,
0.3049

57.5347, 0.3310,
0.4404

73.9415, 0.3045,
0.2878

55.7264, 0.3339,
0.4716

76.2791, 0.3135,
0.2889

■ 54.1640, 0.3354,
0.5019

■ 76.5791, 0.3146,
0.2891

■ 52.8351, 0.3352,
0.5293

■ 51.7256, 0.3330,
0.5523

■ 50.8195, 0.3290,
0.5695

■ 50.0930, 0.3237,
0.5808

Harmonies

Analogous

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



64.5447, 0.3308, 0.3539



64.5447, 0.3175, 0.3525



64.5447, 0.3031, 0.3443

Triad

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



64.5447, 0.3175, 0.3525



64.5447, 0.2867, 0.3091



64.5447, 0.3342, 0.3257

Complementary

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



64.5447, 0.3175, 0.3525



56.5580, 0.3075, 0.3057

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.



64.5447, 0.3220, 0.3144



64.5447, 0.3175, 0.3525



64.5447, 0.2946, 0.3048

Square

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



64.5447, 0.3175, 0.3525



64.5447, 0.2856, 0.3189



64.5447, 0.3074, 0.3068



64.5447, 0.3407, 0.3381

Rectangle

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



64.5447, 0.3175, 0.3525



64.5447, 0.2949, 0.3363



64.5447, 0.3074, 0.3068



64.5447, 0.3307, 0.3217

Sweetspot

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



64.5475, 0.3175, 0.3525



98.6557, 0.3143, 0.3364



62.3359, 0.3275, 0.3429



21.0409, 0.3147, 0.3384



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.



64.5475, 0.3175, 0.3525



95.2660, 0.3184, 0.3571



63.5518, 0.3102, 0.3505



14.1354, 0.3175, 0.3527



30.3055, 0.3244, 0.5806



1.8753, 0.3382, 0.5697

Inverse Universe

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



56.5580, 0.3075, 0.3057



81.3285, 0.3064, 0.3012



57.6298, 0.3153, 0.3084



12.3739, 0.3075, 0.3056



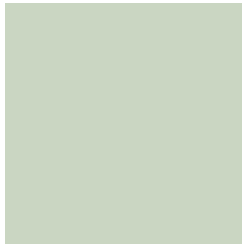
5.7972, 0.2239, 0.1007



0.3972, 0.2404, 0.1098

Previews

White Background



This preview shows how the Yxy color 64.5447, 0.3175, 0.3525 looks on a white background.

Color Contrast Check

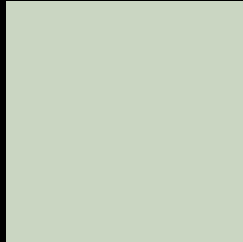
Large Text (above 18pt) WCAG AA × Fail

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 64.5447, 0.3175, 0.3525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

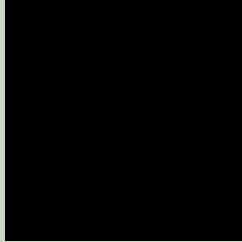
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

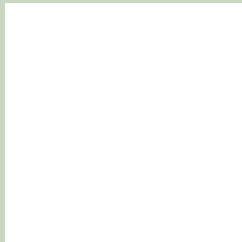
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.5447, 0.3175, 0.3525

Background



This preview shows how black text looks on a background with the Yxy color 64.5447, 0.3175, 0.3525.

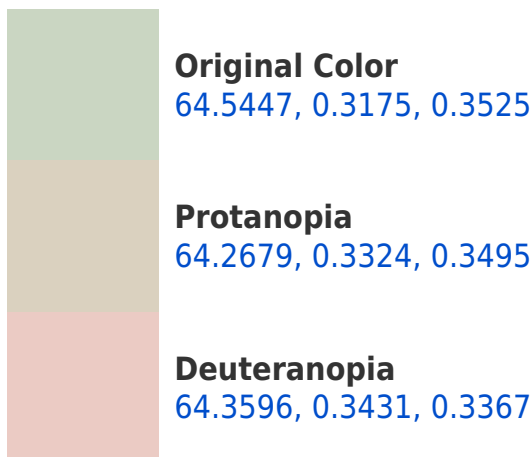


This preview shows how white text looks on a background with the Yxy color 64.5447, 0.3175, 0.3525.

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





Tritanopia

64.3573, 0.2997, 0.3098

Trichromacy



Original Color

64.5447, 0.3175, 0.3525

Protanomaly

64.3914, 0.3268, 0.3509

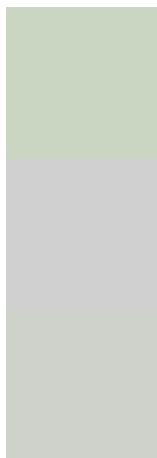
Deuteranomaly

64.2538, 0.3337, 0.3425

Tritanomaly

64.4227, 0.3063, 0.3255

Monochromacy



Original Color

64.5447, 0.3175, 0.3525

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.5268, 0.3146, 0.3371

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.5447, 0.3175, 0.3525 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(202, 214, 194)` looks like.

```
.text, #text, p{  
    color:rgb(202, 214, 194)  
}
```

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(202, 214, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 214, 194) }
```

Border

The CSS property to change the border of an element to Yxy 64.5447, 0.3175, 0.3525 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(202, 214, 194) }
```

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

```
.border{ border-color:rgb(202, 214, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 214, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 214, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 214, 194);  
box-shadow:4px 4px 4px 4px rgb(202, 214,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 64.5447, 0.3175, 0.3525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 214, 194) }
```

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

```
.background{ background-color: rgb(202,  
214, 194) }
```

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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