

Converting Colors

Yxy(62.4392, 0.3565, 0.4081)

Have a look what the booklet for
Yxy(62.4392, 0.3565, 0.4081)
contains.

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Color

Yxy(62.5412, 0.3569, 0.4083)

Conversions

Conversions Part 1

Format	Color
Hex	D0D491
RGB	208, 212, 145
RGB Percent	82%, 83%, 57%
CMY	0.1843, 0.1686, 0.4315
CMYK	0.02, 0.00, 0.32, 0.17
HSL	64°, 44%, 70%
HSV	64°, 32%, 83%
XYZ	54.6680, 62.5412, 35.9654
YIQ	203.1660, 19.1230, -21.6850

Conversions

Conversions Part 2

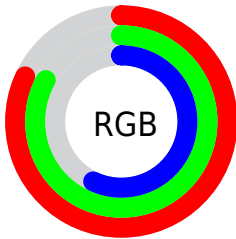
Format	Color
RYB	145, 212, 149
Decimal	13685905
CIELab	83.20, -11.77, 32.78
CIELCh	83, 34.832, 109.752
Yxy	62.5412, 0.3569, 0.4083
Android (android.graphics.Color)	4291875985 (0xFFD0D491)
YUV	203.1660, -28.6758, 4.2394
Hunter-Lab	79.0830, -15.0028, 28.3942

Details

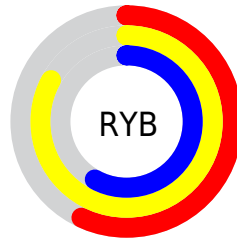
The Yxy color **62.5412, 0.3569, 0.4083** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.3807, 0.2599, 0.2372**, and the grayscale version is **60.0066, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9035, 0.3460, 0.3840**, and **31.6944, 0.3669, 0.4273** is the 20% darker color. If you saturate the color by 10%, you get **61.7679, 0.3702, 0.4328**, and if you desaturate by 10%, it is **63.4436, 0.3429, 0.3830**.

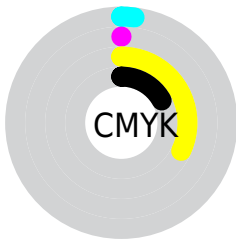
Distribution



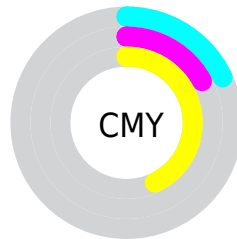
- Red (82%)
- Green (83%)
- Blue (57%)



- Red (57%)
- Yellow (83%)
- Blue (58%)



- Cyan (2%)
- Magenta (0%)
- Yellow (32%)
- Black (17%)





- Cyan (18%)
- Magenta (17%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.5412, 0.3569, 0.4083 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 62.5412, 0.3569, 0.4083 by changing the saturation by 10% instead.

 62.5412, 0.3569,
0.4083


 62.5412, 0.3569,
0.4083


433.9025, 0.3367,
0.3700

 45.4701, 0.3613,
0.4173


 108.5073, 0.3500,
0.3948

 31.8279, 0.3666,
0.4286


 138.1712, 0.3473,
0.3896

 21.2301, 0.3731,
0.4429


172.8015, 0.3449,
0.3851

 13.2923, 0.3809,
0.4618

212.7825, 0.3429,
0.3813

 7.6301, 0.3902,
0.4873

258.4987, 0.3411,
0.3780

 3.8592, 0.4036,
0.5274

310.3346, 0.3394,

 1.5951, 0.4145,

0.3750

0.5855

368.6743, 0.3380,
0.3724

0.3543, 0.1224,
0.8776

0.0000, 0.0000,
0.0000

62.5412, 0.3569,
0.4083

62.5412, 0.3569,
0.4083

61.7679, 0.3702,
0.4328

63.4436, 0.3429,
0.3830

61.1085, 0.3821,
0.4553

64.4729, 0.3288,
0.3576

60.5584, 0.3923,
0.4750

65.6378, 0.3149,
0.3329

60.1090, 0.4002,
0.4910

66.9438, 0.3016,
0.3094

■ 59.7510, 0.4055,
0.5027

■ 68.3961, 0.2890,
0.2874

■ 59.4727, 0.4082,
0.5101

■ 68.8437, 0.2874,
0.2835

■ 59.2844, 0.4089,
0.5135

■ 69.0360, 0.2882,
0.2836

■ 69.2298, 0.2891,
0.2837

■ 69.4251, 0.2899,
0.2838

Harmonies

Analogous

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



62.5412, 0.3893, 0.3923



62.5412, 0.3569, 0.4083



62.5412, 0.3140, 0.4005

Triad

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



62.5412, 0.3569, 0.4083



62.5412, 0.2317, 0.2867



62.5412, 0.3513, 0.2933

Complementary

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



62.5412, 0.3569, 0.4083



31.3807, 0.2599, 0.2372

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.



62.5412, 0.3065, 0.2691



62.5412, 0.3569, 0.4083



62.5412, 0.2398, 0.2636

Square

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



62.5412, 0.3569, 0.4083



62.5412, 0.2431, 0.3249



62.5412, 0.2662, 0.2581



62.5412, 0.3870, 0.3262

Rectangle

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



62.5412, 0.3569, 0.4083



62.5412, 0.2854, 0.3812



62.5412, 0.2662, 0.2581



62.5412, 0.3367, 0.2840

Sweetspot

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



62.5440, 0.3569, 0.4083



98.3511, 0.3253, 0.3513



37.3217, 0.3832, 0.3334



20.9976, 0.3273, 0.3549



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.



62.5440, 0.3569, 0.4083



94.1753, 0.3660, 0.4250



58.2614, 0.3307, 0.4156



14.4806, 0.3257, 0.3521



36.6139, 0.4090, 0.5134



2.2200, 0.4109, 0.5119

Inverse Universe

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



31.3807, 0.2599, 0.2372



39.5858, 0.2463, 0.2140



34.9206, 0.2884, 0.2441



12.0436, 0.2990, 0.3050



3.0001, 0.1520, 0.0611



0.1936, 0.1583, 0.0645

Previews

White Background



This preview shows how the Yxy color 62.5412, 0.3569, 0.4083 looks on a white background.

Color Contrast Check

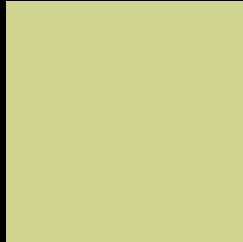
Large Text (above 18pt) WCAG AA × Fail

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 62.5412, 0.3569, 0.4083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

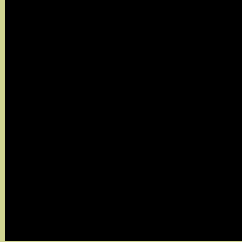
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

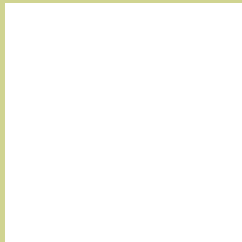
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.5412, 0.3569, 0.4083

Background



This preview shows how black text looks on a background with the Yxy color 62.5412, 0.3569, 0.4083.



This preview shows how white text looks on a background with the Yxy color 62.5412, 0.3569, 0.4083.

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

62.5412, 0.3569, 0.4083

Protanopia

62.4561, 0.3732, 0.4018

Deuteranopia

62.1191, 0.3915, 0.3827



Tritanopia

62.5781, 0.3120, 0.3111

Trichromacy



Original Color

62.5412, 0.3569, 0.4083

Protanomaly

62.5200, 0.3668, 0.4041

Deuteranomaly

61.9743, 0.3784, 0.3915

Tritanomaly

62.2445, 0.3290, 0.3452

Monochromacy



Original Color

62.5412, 0.3569, 0.4083

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.4991, 0.3292, 0.3576

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.5412, 0.3569, 0.4083 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(208, 212, 145)` looks like.

```
.text, #text, p{  
    color:rgb(208, 212, 145)  
}
```

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(208, 212, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 212, 145) }
```

Border

The CSS property to change the border of an element to Yxy 62.5412, 0.3569, 0.4083 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(208, 212, 145) }
```

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

```
.border{ border-color:rgb(208, 212, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 212, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 212, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 212, 145);  
box-shadow:4px 4px 4px 4px rgb(208, 212,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 62.5412, 0.3569, 0.4083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 212, 145) }
```

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

```
.background{ background-color: rgb(208,  
212, 145) }
```

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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