

Converting Colors

Yxy(63.7198, 0.3199, 0.3669)

Have a look what the booklet for
Yxy(63.7198, 0.3199, 0.3669)
contains.

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Color

Yxy(63.7555, 0.3205, 0.3674)

Conversions

Conversions Part 1

Format	Color
Hex	C4D7B7
RGB	196, 215, 183
RGB Percent	77%, 84%, 72%
CMY	0.2312, 0.1569, 0.2825
CMYK	0.09, 0.00, 0.15, 0.16
HSL	96°, 29%, 78%
HSV	96°, 15%, 84%
XYZ	55.6169, 63.7555, 54.1592
YIQ	205.6710, -1.0520, -13.9800

Conversions

Conversions Part 2

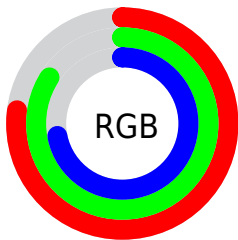
Format	Color
RYB	183, 215, 202
Decimal	12900279
CIELab	83.84, -12.13, 13.67
CIELCh	84, 18.275, 131.583
Yxy	63.7555, 0.3205, 0.3674
Android (android.graphics.Color)	4291090359 (0xFFC4D7B7)
YUV	205.6710, -11.1768, -8.4815
Hunter-Lab	79.8470, -15.3995, 15.6773

Details

The Yxy color **63.7555, 0.3205, 0.3674** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.3101, 0.3038, 0.2912**, and the grayscale version is **61.5771, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6346, 0.3208, 0.3445**, and **32.5041, 0.3220, 0.3771** is the 20% darker color. If you saturate the color by 10%, you get **61.2946, 0.3255, 0.3960**, and if you desaturate by 10%, it is **66.5036, 0.3153, 0.3410**.

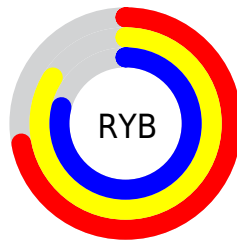
Distribution



Red (77%)

Green (84%)

Blue (72%)



Red (72%)

Yellow (84%)

Blue (79%)

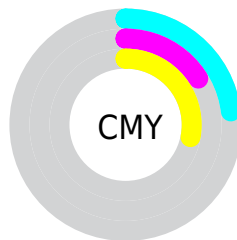


Cyan (9%)

Magenta (0%)

Yellow (15%)

Black (16%)



Cyan (23%)


Magenta (16%)


Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.7555, 0.3205, 0.3674 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 63.7555, 0.3205, 0.3674 by changing the saturation by 10% instead.


 63.7555, 0.3205,
0.3674

 63.7555, 0.3205,
0.3674

438.3062, 0.3170,
0.3488

 46.4527, 0.3213,
0.3719

 110.2587, 0.3193,
0.3608

 32.6032, 0.3222,
0.3775

140.2279, 0.3188,
0.3583

 21.8226, 0.3233,
0.3848

175.1881, 0.3184,
0.3561

 13.7266, 0.3247,
0.3947

215.5235, 0.3181,
0.3542

 7.9308, 0.3264,
0.4089

261.6186, 0.3178,
0.3526

 4.0507, 0.3285,
0.4306

313.8578, 0.3175,

 1.7020, 0.3323,

0.3512

0.4707

372.6256, 0.3172,
0.3499

0.4249, 0.2023,
0.7977

0.0000, 0.0000,
0.0000

63.7555, 0.3205,
0.3674

63.7555, 0.3205,
0.3674

61.2946, 0.3255,
0.3960

66.5036, 0.3153,
0.3410

59.1027, 0.3299,
0.4263

69.5398, 0.3100,
0.3171

57.1724, 0.3334,
0.4575

72.8757, 0.3049,
0.2956

55.4924, 0.3357,
0.4883

75.5867, 0.3089,
0.2894

■ 54.0507, 0.3364,
0.5171

■ 77.0800, 0.3145,
0.2900

■ 52.8341, 0.3351,
0.5421

■ 51.8276, 0.3320,
0.5619

■ 51.0137, 0.3271,
0.5755

■ 50.6595, 0.3243,
0.5807

Harmonies

Analogous

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



63.7555, 0.3419, 0.3691



63.7555, 0.3205, 0.3674



63.7555, 0.2976, 0.3542

Triad

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



63.7555, 0.3205, 0.3674



63.7555, 0.2713, 0.2972



63.7555, 0.3471, 0.3231

Complementary

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



63.7555, 0.3205, 0.3674



51.3101, 0.3038, 0.2912

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.



63.7555, 0.3270, 0.3056



63.7555, 0.3205, 0.3674



63.7555, 0.2834, 0.2907

Square

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



63.7555, 0.3205, 0.3674



63.7555, 0.2697, 0.3127



63.7555, 0.3036, 0.2939



63.7555, 0.3577, 0.3426

Rectangle

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



63.7555, 0.3205, 0.3674



63.7555, 0.2845, 0.3410



63.7555, 0.3036, 0.2939



63.7555, 0.3412, 0.3169

Sweetspot

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



63.7583, 0.3205, 0.3674



98.2328, 0.3148, 0.3389



59.9438, 0.3371, 0.3508



20.9564, 0.3152, 0.3408



0.0000, 0.0000, 0.0000



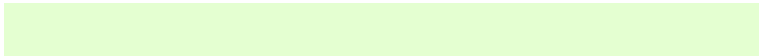
21.4041, 0.3127, 0.3290

Same Dimension

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



63.7583, 0.3205, 0.3674



92.5931, 0.3222, 0.3766



62.1940, 0.3091, 0.3651



14.1407, 0.3177, 0.3527



30.3595, 0.3254, 0.5798



1.8789, 0.3392, 0.5689

Inverse Universe

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



51.3101, 0.3038, 0.2912



70.7508, 0.3015, 0.2823



53.0731, 0.3165, 0.2953



12.3685, 0.3073, 0.3056



5.7110, 0.2220, 0.0996



0.3923, 0.2388, 0.1089

Previews

White Background



This preview shows how the Yxy color 63.7555, 0.3205, 0.3674 looks on a white background.

Color Contrast Check

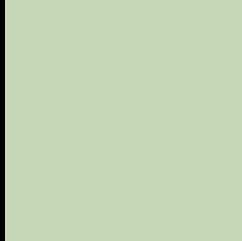
Large Text (above 18pt) WCAG AA × Fail

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 63.7555, 0.3205, 0.3674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

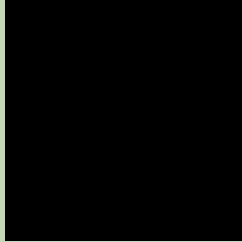
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

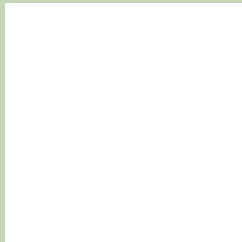
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.7555, 0.3205, 0.3674

Background



This preview shows how black text looks on a background with the Yxy color 63.7555, 0.3205, 0.3674.



This preview shows how white text looks on a background with the Yxy color 63.7555, 0.3205, 0.3674.

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

63.7555, 0.3205, 0.3674

Protanopia

63.4671, 0.3415, 0.3611

Deuteranopia

63.3230, 0.3529, 0.3455



Tritanopia

63.7884, 0.2969, 0.3097

Trichromacy



Original Color

63.7555, 0.3205, 0.3674

Protanomaly

63.7736, 0.3339, 0.3640

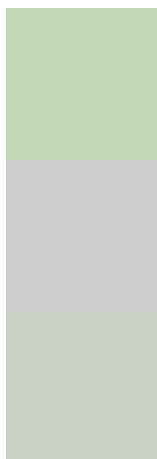
Deuteranomaly

63.1750, 0.3405, 0.3529

Tritanomaly

63.5210, 0.3053, 0.3301

Monochromacy



Original Color

63.7555, 0.3205, 0.3674

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.2347, 0.3151, 0.3419

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.7555, 0.3205, 0.3674 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(196, 215, 183)` looks like.

```
.text, #text, p{  
    color:rgb(196, 215, 183)  
}
```

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(196, 215, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 215, 183) }
```

Border

The CSS property to change the border of an element to Yxy 63.7555, 0.3205, 0.3674 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(196, 215, 183) }
```

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

```
.border{ border-color:rgb(196, 215, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 215, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 215, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 215, 183);  
box-shadow:4px 4px 4px 4px rgb(196, 215,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 63.7555, 0.3205, 0.3674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 215, 183) }
```

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

```
.background{ background-color: rgb(196,  
215, 183) }
```

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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