

Converting Colors

$Yxy(63.0515, 0.3564, 0.4305)$

Have a look what the booklet for
Yxy(63.0515, 0.3564, 0.4305)
contains.

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Color

Yxy(62.7834, 0.3562, 0.4300)

Conversions

Conversions Part 1

Format	Color
Hex	C6D884
RGB	198, 216, 132
RGB Percent	78%, 85%, 52%
CMY	0.2236, 0.1529, 0.4822
CMYK	0.08, 0.00, 0.39, 0.15
HSL	73°, 52%, 68%
HSV	73°, 39%, 85%
XYZ	52.0080, 62.7834, 31.2165
YIQ	201.0420, 16.2360, -29.9400

Conversions

Conversions Part 2

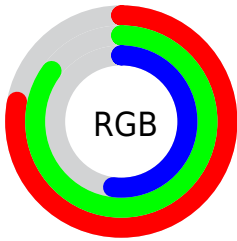
Format	Color
RYB	132, 216, 150
Decimal	13031556
CIELab	83.33, -19.18, 39.38
CIELCh	83, 43.800, 115.969
Yxy	62.7834, 0.3562, 0.4300
Android (android.graphics.Color)	4291221636 (0xFFC6D884)
YUV	201.0420, -34.0377, -2.6678
Hunter-Lab	79.2360, -21.5011, 32.1068

Details

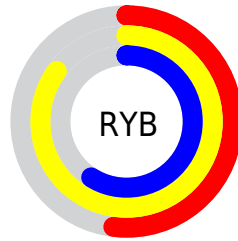
The Yxy color **62.7834, 0.3562, 0.4300** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **27.9574, 0.2560, 0.2154**, and the grayscale version is **58.6450, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.3252, 0.3538, 0.3969**, and **31.9235, 0.3647, 0.4555** is the 20% darker color. If you saturate the color by 10%, you get **61.6343, 0.3658, 0.4556**, and if you desaturate by 10%, it is **64.0798, 0.3455, 0.4034**.

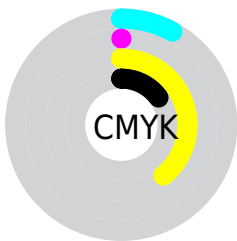
Distribution



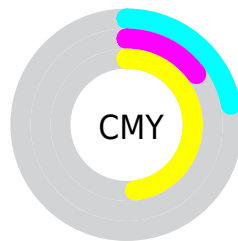
- Red (78%)
- Green (85%)
- Blue (52%)



- Red (52%)
- Yellow (85%)
- Blue (59%)



- Cyan (8%)
- Magenta (0%)
- Yellow (39%)
- Black (15%)




- Cyan (22%)
- Magenta (15%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.7834, 0.3562, 0.4300 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 62.7834, 0.3562, 0.4300 by changing the saturation by 10% instead.

 62.7834, 0.3562,
0.4300


 62.7834, 0.3562,
0.4300

434.7830, 0.3371,
0.3809

 45.6660, 0.3601,
0.4416


 108.8570, 0.3499,
0.4126

 31.9823, 0.3646,
0.4561


 138.5819, 0.3473,
0.4059

 21.3480, 0.3697,
0.4745


 173.2782, 0.3451,
0.4002

 13.3786, 0.3751,
0.4986

213.3302, 0.3431,
0.3953

 7.6898, 0.3798,
0.5307

259.1222, 0.3414,
0.3910

 3.8971, 0.3951,
0.5959

311.0388, 0.3398,

 1.6162, 0.3672,

0.3872

0.6328

369.4642, 0.3384,
0.3839

0.3685, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

62.7834, 0.3562,
0.4300

62.7834, 0.3562,
0.4300

61.6343, 0.3658,
0.4556

64.0798, 0.3455,
0.4034

60.6164, 0.3736,
0.4792


65.5223, 0.3342,
0.3768

59.7237, 0.3794,
0.4995

67.1202, 0.3228,
0.3509

58.9466, 0.3826,
0.5157


68.8797, 0.3115,
0.3263

 58.2735, 0.3833,
0.5273

 70.8067, 0.3006,
0.3034


 57.6862, 0.3817,
0.5346

 72.4719, 0.2944,
0.2886

 57.6230, 0.3815,
0.5353

 73.2306, 0.2975,
0.2890

 74.0098, 0.3007,
0.2894

 74.8094, 0.3038,
0.2898

Harmonies

Analogous

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



62.7834, 0.4011, 0.4130



62.7834, 0.3562, 0.4300



62.7834, 0.3019, 0.4143

Triad

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



62.7834, 0.3562, 0.4300



62.7834, 0.2132, 0.2678



62.7834, 0.3719, 0.2923

Complementary

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



62.7834, 0.3562, 0.4300



27.9574, 0.2560, 0.2154

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.



62.7834, 0.3160, 0.2604



62.7834, 0.3562, 0.4300



62.7834, 0.2278, 0.2449

Square

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



62.7834, 0.3562, 0.4300



62.7834, 0.2218, 0.3116



62.7834, 0.2638, 0.2433



62.7834, 0.4125, 0.3333

Rectangle

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



62.7834, 0.3562, 0.4300



62.7834, 0.2679, 0.3856



62.7834, 0.2638, 0.2433



62.7834, 0.3540, 0.2804

Sweetspot

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



62.7862, 0.3562, 0.4300



96.9593, 0.3265, 0.3591



37.7062, 0.4010, 0.3499



20.6869, 0.3280, 0.3625



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.



62.7862, 0.3562, 0.4300



89.9776, 0.3645, 0.4520



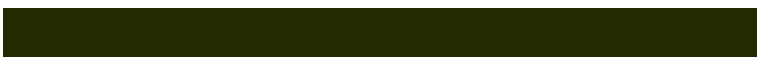
57.9729, 0.3247, 0.4411



14.3792, 0.3234, 0.3523



34.1528, 0.3820, 0.5349



2.0942, 0.3888, 0.5295

Inverse Universe

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



27.9574, 0.2560, 0.2154



32.1534, 0.2405, 0.1867



32.5208, 0.2930, 0.2264



12.1359, 0.3014, 0.3051



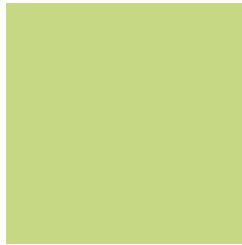
3.3217, 0.1615, 0.0663



0.2370, 0.1785, 0.0757

Previews

White Background



This preview shows how the Yxy color 62.7834, 0.3562, 0.4300 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 62.7834, 0.3562, 0.4300 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 62.7834, 0.3562, 0.4300

Background



This preview shows how black text looks on a background with the Yxy color 62.7834, 0.3562, 0.4300.



This preview shows how white text looks on a background with the Yxy color 62.7834, 0.3562, 0.4300.

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

62.7834, 0.3562, 0.4300

Protanopia

62.3794, 0.3848, 0.4164

Deuteranopia

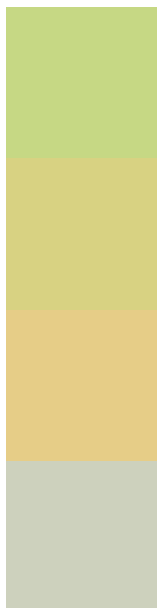
62.3055, 0.4033, 0.3944



Tritanopia

62.4384, 0.3046, 0.3109

Trichromacy



Original Color

62.7834, 0.3562, 0.4300

Protanomaly

62.3038, 0.3745, 0.4212

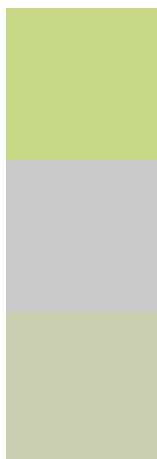
Deuteranomaly

62.2349, 0.3848, 0.4070

Tritanomaly

62.2542, 0.3237, 0.3526

Monochromacy



Original Color

62.7834, 0.3562, 0.4300

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.5566, 0.3296, 0.3653

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7834, 0.3562, 0.4300 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(198, 216, 132)` looks like.

```
.text, #text, p{  
    color:rgb(198, 216, 132)  
}
```

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(198, 216, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 216, 132) }
```

Border

The CSS property to change the border of an element to Yxy 62.7834, 0.3562, 0.4300 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(198, 216, 132) }
```

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

```
.border{ border-color:rgb(198, 216, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 216, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 216, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 216, 132);  
box-shadow:4px 4px 4px 4px rgb(198, 216,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 62.7834, 0.3562, 0.4300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 216, 132) }
```

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

```
.background{ background-color: rgb(198,  
216, 132) }
```

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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