

Converting Colors

$Yxy(62.0257, 0.3328, 0.3707)$

Have a look what the booklet for
Yxy(62.0257, 0.3328, 0.3707)
contains.

| | |
|---|----|
| Yxy(62.0257, 0.3328, 0.3707) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(62.0257, 0.3328, 0.3707)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | CCD2AF |
| RGB | 204, 210, 175 |
| RGB Percent | 80%, 82%, 69% |
| CMY | 0.2001, 0.1764, 0.3136 |
| CMYK | 0.03, 0.00, 0.17, 0.18 |
| HSL | 70°, 28%, 75% |
| HSV | 70°, 17%, 82% |
| XYZ | 55.6843, 62.0257, 49.6105 |
| YIQ | 204.2160, 7.6590, -12.1570 |

Conversions

Conversions Part 2

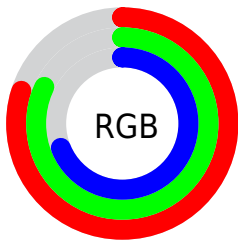
| Format | Color |
|-------------------------------------|--|
| RYB | 175, 210, 181 |
| Decimal | 13423279 |
| CIELab | 82.93, -8.03, 16.67 |
| CIELCh | 83, 18.500, 115.734 |
| Yxy | 62.0257, 0.3328, 0.3707 |
| Android (android.graphics.Color) | 4291613359 (0xFFCCD2AF) |
| YUV | 204.2160, -14.4035, -0.1894 |
| Hunter-Lab | 78.7564, -11.6163, 17.7813 |

Details

The Yxy color $62.0257, 0.3328, 0.3707$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $45.1575, 0.2905, 0.2850$, and the grayscale version is $60.6173, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.5495, 0.3268, 0.3522$, and $31.6661, 0.3383, 0.3829$ is the 20% darker color. If you saturate the color by 10%, you get $60.7605, 0.3449, 0.3969$, and if you desaturate by 10%, it is $63.4366, 0.3207, 0.3453$.

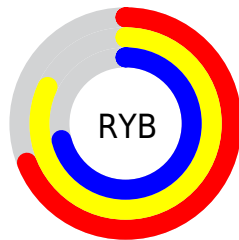
Distribution



Red (80%)

Green (82%)

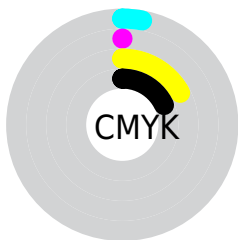
Blue (69%)



Red (69%)

Yellow (82%)

Blue (71%)

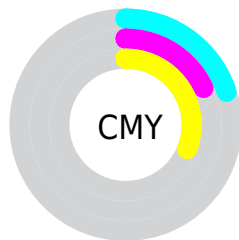


Cyan (3%)

Magenta (0%)

Yellow (17%)

Black (18%)



Cyan (20%)


Magenta (18%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.0257, 0.3328, 0.3707 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 62.0257, 0.3328, 0.3707 by changing the saturation by 10% instead.


 62.0257, 0.3328,
0.3707

 62.0257, 0.3328,
0.3707


432.0248, 0.3234,
0.3505

 45.0535, 0.3350,
0.3755


 107.7627, 0.3295,
0.3635

 31.4995, 0.3376,
0.3816

137.2962, 0.3283,
0.3608

 20.9795, 0.3410,
0.3895


171.7856, 0.3272,
0.3585

 13.1090, 0.3454,
0.4001

211.6153, 0.3262,
0.3564

 7.5037, 0.3512,
0.4152

257.1697, 0.3254,
0.3547

 3.7790, 0.3594,
0.4380


308.8331, 0.3247,


 1.5507, 0.3831,


0.3531


0.4922


366.9901, 0.3240,
0.3518


 0.3240, 0.2567,
0.7433


 0.0000, 0.0000,
0.0000


 62.0257, 0.3328,
0.3707


 62.0257, 0.3328,
0.3707


 60.7605, 0.3449,
0.3969

 63.4366, 0.3207,
0.3453


 59.6268, 0.3565,
0.4231

 64.9906, 0.3088,
0.3211

 58.6210, 0.3671,
0.4484

 66.6957, 0.2975,
0.2985

 57.7358, 0.3762,
0.4717

 68.2943, 0.2892,
0.2816

■ 56.9637, 0.3832,
0.4919

■ 68.8602, 0.2917,
0.2819

■ 56.2958, 0.3878,
0.5083

■ 69.4384, 0.2942,
0.2823

■ 55.7218, 0.3898,
0.5201

■ 70.0289, 0.2967,
0.2826

■ 55.2286, 0.3894,
0.5274

■ 70.6319, 0.2992,
0.2830

■ 55.0736, 0.3889,
0.5294

■ 71.2473, 0.3017,
0.2833

Harmonies

Analogous

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



62.0257, 0.3513, 0.3660



62.0257, 0.3328, 0.3707



62.0257, 0.3094, 0.3632

Triad

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



62.0257, 0.3328, 0.3707



62.0257, 0.2681, 0.3038



62.0257, 0.3378, 0.3130

Complementary

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



62.0257, 0.3328, 0.3707



45.1575, 0.2905, 0.2850

Split Complementary

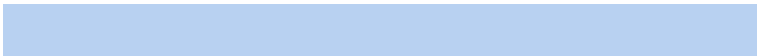
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



62.0257, 0.3147, 0.2979



62.0257, 0.3328, 0.3707



62.0257, 0.2750, 0.2921

Square

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



62.0257, 0.3328, 0.3707



62.0257, 0.2726, 0.3233



62.0257, 0.2918, 0.2902



62.0257, 0.3544, 0.3324

Rectangle

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



62.0257, 0.3328, 0.3707



62.0257, 0.2943, 0.3522



62.0257, 0.2918, 0.2902



62.0257, 0.3305, 0.3073

Sweetspot

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



62.0284, 0.3328, 0.3707



98.7913, 0.3187, 0.3413



49.7910, 0.3431, 0.3362



21.1100, 0.3196, 0.3431



0.0000, 0.0000, 0.0000



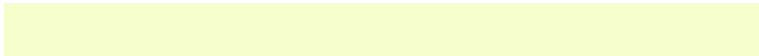
21.4041, 0.3127, 0.3290

Same Dimension

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



62.0284, 0.3328, 0.3707



95.5100, 0.3371, 0.3800



59.7199, 0.3194, 0.3725



13.6902, 0.3240, 0.3522



33.6296, 0.3894, 0.5290



1.9082, 0.3952, 0.5244

Inverse Universe

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



45.1575, 0.2905, 0.2850



64.5209, 0.2851, 0.2745



47.3796, 0.3048, 0.2868



11.5142, 0.3008, 0.3051



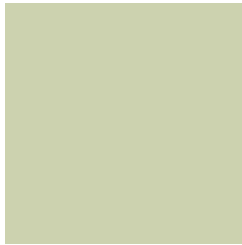
3.0998, 0.1581, 0.0645



0.2041, 0.1742, 0.0734

Previews

White Background



This preview shows how the Yxy color 62.0257, 0.3328, 0.3707 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 62.0257, 0.3328, 0.3707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

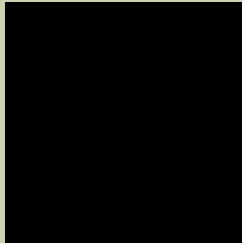
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

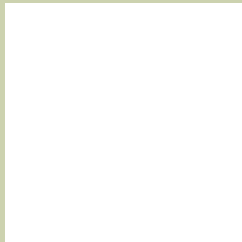
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.0257, 0.3328, 0.3707

Background



This preview shows how black text looks on a background with the Yxy color 62.0257, 0.3328, 0.3707.



This preview shows how white text looks on a background with the Yxy color 62.0257, 0.3328, 0.3707.

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

62.0257, 0.3328, 0.3707

Protanopia

62.0652, 0.3463, 0.3672

Deuteranopia

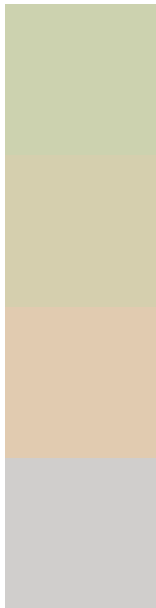
62.0257, 0.3605, 0.3533



Tritanopia

62.0547, 0.3060, 0.3109

Trichromacy



Original Color

62.0257, 0.3328, 0.3707

Protanomaly

61.8278, 0.3413, 0.3676

Deuteranomaly

61.8540, 0.3504, 0.3598

Tritanomaly

61.9121, 0.3156, 0.3313

Monochromacy



Original Color

62.0257, 0.3328, 0.3707

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.8302, 0.3204, 0.3444

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.0257, 0.3328, 0.3707 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(204, 210, 175)` looks like.

```
.text, #text, p{  
    color:rgb(204, 210, 175)  
}
```

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(204, 210, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 210, 175) }
```

Border

The CSS property to change the border of an element to Yxy 62.0257, 0.3328, 0.3707 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(204, 210, 175) }
```

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

```
.border{ border-color:rgb(204, 210, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 210, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 210, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 210, 175);  
box-shadow:4px 4px 4px 4px rgb(204, 210,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 62.0257, 0.3328, 0.3707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 210, 175) }
```

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

```
.background{ background-color: rgb(204,  
210, 175) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor