

Converting Colors

$Yxy(63.0594, 0.3335, 0.3991)$

Have a look what the booklet for
Yxy(63.0594, 0.3335, 0.3991)
contains.

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Color

Yxy(62.8214, 0.3336, 0.3988)

Conversions

Conversions Part 1

Format	Color
Hex	C0D89F
RGB	192, 216, 159
RGB Percent	75%, 85%, 62%
CMY	0.2471, 0.1529, 0.3765
CMYK	0.11, 0.00, 0.26, 0.15
HSL	85°, 42%, 74%
HSV	85°, 26%, 85%
XYZ	52.5507, 62.8214, 42.1540
YIQ	202.3260, 3.9930, -22.8150

Conversions

Conversions Part 2

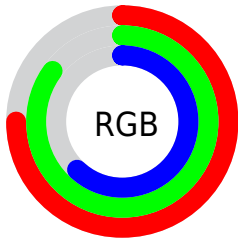
Format	Color
RYB	159, 216, 183
Decimal	12638367
CIELab	83.35, -17.85, 25.52
CIELCh	83, 31.146, 124.964
Yxy	62.8214, 0.3336, 0.3988
Android (android.graphics.Color)	4290828447 (0xFFC0D89F)
YUV	202.3260, -21.3597, -9.0559
Hunter-Lab	79.2600, -20.3564, 23.9489

Details

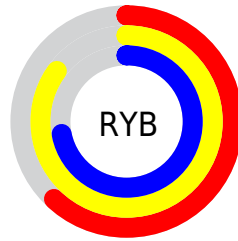
The Yxy color **62.8214, 0.3336, 0.3988** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.8211, 0.2869, 0.2578**, and the grayscale version is **59.4117, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5148, 0.3330, 0.3696**, and **31.9545, 0.3381, 0.4174** is the 20% darker color. If you saturate the color by 10%, you get **60.9875, 0.3408, 0.4276**, and if you desaturate by 10%, it is **64.8653, 0.3258, 0.3710**.

Distribution



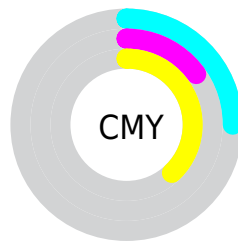
- Red (75%)
- Green (85%)
- Blue (62%)



- Red (62%)
- Yellow (85%)
- Blue (72%)



- Cyan (11%)
- Magenta (0%)
- Yellow (26%)
- Black (15%)





- Cyan (25%)
- Magenta (15%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.8214, 0.3336, 0.3988 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 62.8214, 0.3336, 0.3988 by changing the saturation by 10% instead.


 62.8214, 0.3336,
0.3988

 62.8214, 0.3336,
0.3988


434.9210, 0.3243,
0.3646

 45.6967, 0.3356,
0.4071

 108.9118, 0.3305,
0.3866

 32.0066, 0.3379,
0.4175


 138.6463, 0.3293,
0.3819

 21.3665, 0.3406,
0.4310


173.3530, 0.3282,
0.3780

 13.3922, 0.3438,
0.4493

213.4160, 0.3272,
0.3746

 7.6992, 0.3473,
0.4752

259.2200, 0.3264,
0.3716

 3.9031, 0.3500,
0.5141

311.1492, 0.3256,

 1.6195, 0.3759,

0.3690

0.6241

369.5881, 0.3250,
0.3667

0.3707, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

62.8214, 0.3336,
0.3988

62.8214, 0.3336,
0.3988

60.9875, 0.3408,
0.4276

64.8653, 0.3258,
0.3710

59.3472, 0.3470,
0.4565

67.1184, 0.3178,
0.3448

57.8944, 0.3517,
0.4843

69.5908, 0.3099,
0.3205

56.6195, 0.3545,
0.5097

72.2892, 0.3022,
0.2983

■ 55.5118, 0.3550,
0.5312

■ 74.4230, 0.3023,
0.2896

■ 54.5590, 0.3531,
0.5478

■ 76.0332, 0.3086,
0.2903

■ 53.7458, 0.3490,
0.5591

■ 77.5952, 0.3145,
0.2910

■ 53.4776, 0.3473,
0.5625

Harmonies

Analogous

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



62.8214, 0.3686, 0.3952



62.8214, 0.3336, 0.3988



62.8214, 0.2944, 0.3801

Triad

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



62.8214, 0.3336, 0.3988



62.8214, 0.2413, 0.2789



62.8214, 0.3652, 0.3115

Complementary

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



62.8214, 0.3336, 0.3988



39.8211, 0.2869, 0.2578

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.



62.8214, 0.3278, 0.2848



62.8214, 0.3336, 0.3988



62.8214, 0.2574, 0.2658

Square

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



62.8214, 0.3336, 0.3988



62.8214, 0.2427, 0.3071



62.8214, 0.2883, 0.2684



62.8214, 0.3881, 0.3432

Rectangle

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



62.8214, 0.3336, 0.3988



62.8214, 0.2713, 0.3577



62.8214, 0.2883, 0.2684



62.8214, 0.3537, 0.3017

Sweetspot

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



62.8241, 0.3336, 0.3988



97.1618, 0.3192, 0.3490



50.8670, 0.3618, 0.3576



20.6874, 0.3204, 0.3529



0.0000, 0.0000, 0.0000



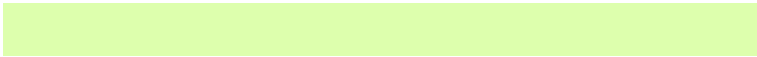
21.4041, 0.3127, 0.3290

Same Dimension

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



62.8241, 0.3336, 0.3988



89.8672, 0.3380, 0.4158



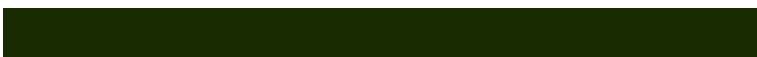
59.4838, 0.3126, 0.4035



14.2473, 0.3202, 0.3525



31.7158, 0.3483, 0.5616



1.9612, 0.3603, 0.5521

Inverse Universe

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



39.8211, 0.2869, 0.2578



50.6370, 0.2798, 0.2401



43.6397, 0.3116, 0.2628



12.2617, 0.3047, 0.3054



4.3106, 0.1885, 0.0812



0.3081, 0.2082, 0.0921

Previews

White Background



This preview shows how the Yxy color 62.8214, 0.3336, 0.3988 looks on a white background.

Color Contrast Check

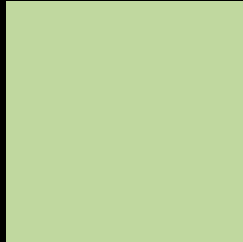
Large Text (above 18pt) WCAG AA × Fail

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 62.8214, 0.3336, 0.3988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

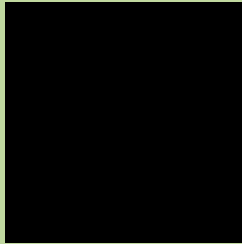
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.8214, 0.3336, 0.3988

Background



This preview shows how black text looks on a background with the Yxy color 62.8214, 0.3336, 0.3988.



This preview shows how white text looks on a background with the Yxy color 62.8214, 0.3336, 0.3988.

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

62.8214, 0.3336, 0.3988

Protanopia

62.5218, 0.3627, 0.3886

Deuteranopia

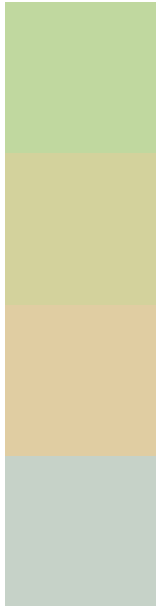
62.3684, 0.3759, 0.3683



Tritanopia

62.4250, 0.2968, 0.3095

Trichromacy



Original Color

62.8214, 0.3336, 0.3988

Protanomaly

62.3424, 0.3521, 0.3926

Deuteranomaly

62.1186, 0.3597, 0.3781

Tritanomaly

62.2691, 0.3107, 0.3408

Monochromacy



Original Color

62.8214, 0.3336, 0.3988

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

60.1766, 0.3207, 0.3543

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.8214, 0.3336, 0.3988 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(192, 216, 159)` looks like.

```
.text, #text, p{  
    color:rgb(192, 216, 159)  
}
```

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(192, 216, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 216, 159) }
```

Border

The CSS property to change the border of an element to Yxy 62.8214, 0.3336, 0.3988 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(192, 216, 159) }
```

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

```
.border{ border-color:rgb(192, 216, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 216, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 216, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 216, 159); box-shadow:4px 4px 4px 4px rgb(192, 216, 159) }
```


Background

The CSS property to change the background color of an element to Yxy 62.8214, 0.3336, 0.3988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 216, 159) }
```

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

```
.background{ background-color: rgb(192,  
216, 159) }
```

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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