

Converting Colors

$Yxy(63.3089, 0.3238, 0.3500)$

Have a look what the booklet for
Yxy(63.3089, 0.3238, 0.3500)
contains.

Yxy(63.3089, 0.3238, 0.3500)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(63.3089, 0.3238, 0.3500)

Conversions

Conversions Part 1

Format	Color
Hex	D0D2C0
RGB	208, 210, 192
RGB Percent	82%, 82%, 75%
CMY	0.1844, 0.1764, 0.2470
CMYK	0.01, 0.00, 0.09, 0.18
HSL	67°, 17%, 79%
HSV	67°, 9%, 82%
XYZ	58.5698, 63.3089, 59.0039
YIQ	207.3500, 4.5860, -6.0220

Conversions

Conversions Part 2

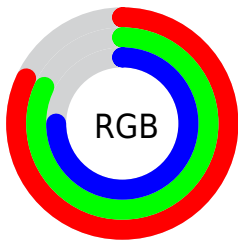
Format	Color
R _Y B	192, 210, 194
Decimal	13685440
CIE Lab	83.60, -3.85, 8.68
CIE LCh	84, 9.491, 113.917
Yxy	63.3089, 0.3238, 0.3500
Android (android.graphics.Color)	4291875520 (0xFFD0D2C0)
YUV	207.3500, -7.5675, 0.5701
Hunter-Lab	79.5669, -7.8469, 11.7295

Details

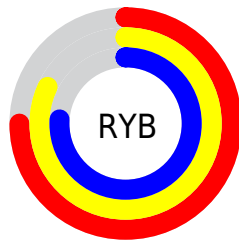
The Yxy color **63.3089, 0.3238, 0.3500** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.8288, 0.3011, 0.3073**, and the grayscale version is **62.6819, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **32.5110, 0.3265, 0.3553** is the 20% darker color. If you saturate the color by 10%, you get **62.1057, 0.3370, 0.3754**, and if you desaturate by 10%, it is **64.6556, 0.3109, 0.3256**.

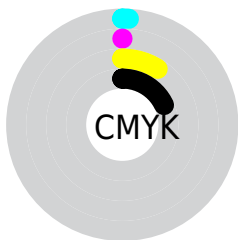
Distribution



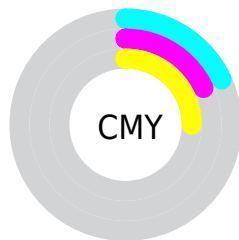
- Red (82%)
- Green (82%)
- Blue (75%)



- Red (75%)
- Yellow (82%)
- Blue (76%)



- Cyan (1%)
- Magenta (0%)
- Yellow (9%)
- Black (18%)



- Cyan (18%)
- Magenta (18%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.3089, 0.3238, 0.3500 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 63.3089, 0.3238, 0.3500 by changing the saturation by 10% instead.


 63.3089, 0.3238,
0.3500

 63.3089, 0.3238,
0.3500


436.6897, 0.3186,
0.3400

 46.0912, 0.3250,
0.3524


 109.6150, 0.3220,
0.3464

 32.3178, 0.3265,
0.3554


139.4722, 0.3213,
0.3451

 21.6043, 0.3285,
0.3592


174.3113, 0.3207,
0.3439

 13.5665, 0.3310,
0.3644

214.5168, 0.3201,
0.3429

 7.8198, 0.3346,
0.3717

260.4729, 0.3197,
0.3420

 3.9798, 0.3398,
0.3829

312.5642, 0.3193,

 1.6623, 0.3483,

0.3413

0.4017

371.1750, 0.3189,
0.3406

0.3991, 0.4169,
0.5831

0.0000, 0.0000,
0.0000

63.3089, 0.3238,
0.3500

63.3089, 0.3238,
0.3500

62.1057, 0.3370,
0.3754

64.6556, 0.3109,
0.3256

61.0321, 0.3501,
0.4012

66.1427, 0.2986,
0.3026

60.0848, 0.3626,
0.4267

67.7776, 0.2870,
0.2813

59.2574, 0.3741,
0.4507

68.1385, 0.2885,
0.2815

■ 58.5427, 0.3839,
0.4724

■ 68.5047, 0.2902,
0.2817

■ 57.9328, 0.3916,
0.4907

■ 68.8761, 0.2918,
0.2819

■ 57.4187, 0.3967,
0.5049

■ 69.2527, 0.2934,
0.2822

■ 56.9901, 0.3993,
0.5146

■ 69.6346, 0.2950,
0.2824

■ 56.6304, 0.3995,
0.5203

■ 70.0218, 0.2966,
0.2826

Harmonies

Analogous

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



63.3089, 0.3328, 0.3477



63.3089, 0.3238, 0.3500



63.3089, 0.3120, 0.3465

Triad

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



63.3089, 0.3238, 0.3500



63.3089, 0.2896, 0.3169



63.3089, 0.3249, 0.3202

Complementary

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



63.3089, 0.3238, 0.3500



53.8288, 0.3011, 0.3073

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.



63.3089, 0.3131, 0.3124



63.3089, 0.3238, 0.3500



63.3089, 0.2929, 0.3103

Square

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



63.3089, 0.3238, 0.3500



63.3089, 0.2924, 0.3270



63.3089, 0.3014, 0.3088



63.3089, 0.3335, 0.3304

Rectangle

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



63.3089, 0.3238, 0.3500



63.3089, 0.3041, 0.3412



63.3089, 0.3014, 0.3088



63.3089, 0.3212, 0.3173

Sweetspot

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



63.3117, 0.3238, 0.3500



99.3539, 0.3166, 0.3363



56.0061, 0.3273, 0.3312



21.2296, 0.3176, 0.3383



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.



63.3117, 0.3238, 0.3500



97.9243, 0.3258, 0.3539



62.0748, 0.3171, 0.3504



13.7272, 0.3249, 0.3521



34.5377, 0.3998, 0.5208



1.9508, 0.4036, 0.5177

Inverse Universe

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



53.8288, 0.3011, 0.3073



80.7540, 0.2989, 0.3032



55.0246, 0.3080, 0.3078



11.4805, 0.2999, 0.3051



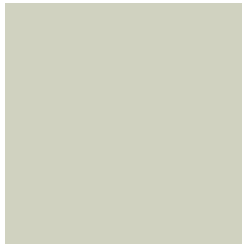
2.9764, 0.1543, 0.0624



0.1884, 0.1661, 0.0689

Previews

White Background



This preview shows how the Yxy color 63.3089, 0.3238, 0.3500 looks on a white background.

Color Contrast Check

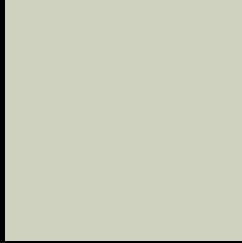
Large Text (above 18pt) WCAG AA × Fail

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 63.3089, 0.3238, 0.3500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

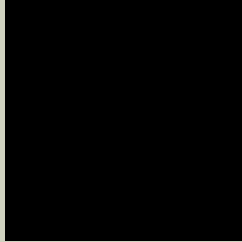
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

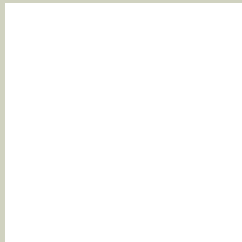
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.3089, 0.3238, 0.3500

Background



This preview shows how black text looks on a background with the Yxy color 63.3089, 0.3238, 0.3500.



This preview shows how white text looks on a background with the Yxy color 63.3089, 0.3238, 0.3500.

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

63.3089, 0.3238, 0.3500

Protanopia

63.4723, 0.3310, 0.3485

Deuteranopia

63.1608, 0.3442, 0.3368



Tritanopia

63.4136, 0.3061, 0.3110

Trichromacy



Original Color

63.3089, 0.3238, 0.3500

Protanomaly

63.5087, 0.3285, 0.3498

Deuteranomaly

63.0435, 0.3372, 0.3414

Tritanomaly

63.1777, 0.3129, 0.3244

Monochromacy



Original Color

63.3089, 0.3238, 0.3500

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.6414, 0.3162, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.3089, 0.3238, 0.3500 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, 210, 192)` looks like.

```
.text, #text, p{  
    color:rgb(208, 210, 192)  
}
```

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, 210, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 210, 192) }
```

Border

The CSS property to change the border of an element to Yxy 63.3089, 0.3238, 0.3500 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, 210, 192) }
```

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

```
.border{ border-color:rgb(208, 210, 192) }
```

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

Here you see how a box with a 4 pixel rgb(208, 210, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 210, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 210, 192);  
box-shadow:4px 4px 4px 4px rgb(208, 210,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 63.3089, 0.3238, 0.3500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 210, 192) }
```

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

```
.background{ background-color: rgb(208,  
210, 192) }
```

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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