

Converting Colors

Yxy(61.5639, 0.3049, 0.3385)

Have a look what the booklet for
Yxy(61.5639, 0.3049, 0.3385)
contains.

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Color

Yxy(61.5639, 0.3049, 0.3385)

Conversions

Conversions Part 1

Format	Color
Hex	C0D2CA
RGB	192, 210, 202
RGB Percent	75%, 82%, 79%
CMY	0.2470, 0.1765, 0.2077
CMYK	0.09, 0.00, 0.04, 0.18
HSL	153°, 17%, 79%
HSV	153°, 9%, 82%
XYZ	55.4530, 61.5639, 64.8558
YIQ	203.7060, -8.1600, -6.3040

Conversions

Conversions Part 2

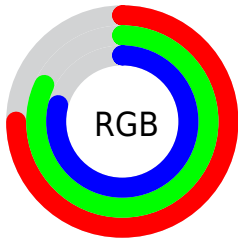
Format	Color
RYB	192, 204, 210
Decimal	12636874
CIELab	82.68, -7.55, 1.86
CIElCh	83, 7.778, 166.149
Yxy	61.5639, 0.3049, 0.3385
Android (android.graphics.Color)	4290826954 (0xFFC0D2CA)
YUV	203.7060, -0.8411, -10.2662
Hunter-Lab	78.4627, -11.1560, 5.9158

Details

The Yxy color **61.5639, 0.3049, 0.3385** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.5816, 0.3213, 0.3197**, and the grayscale version is **60.2025, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6965, 0.3084, 0.3290**, and **31.3183, 0.3025, 0.3418** is the 20% darker color. If you saturate the color by 10%, you get **58.5897, 0.2960, 0.3508**, and if you desaturate by 10%, it is **64.9610, 0.3140, 0.3275**.

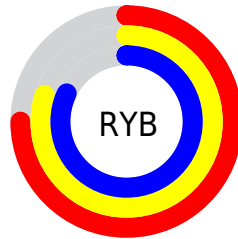
Distribution



Red (75%)

Green (82%)

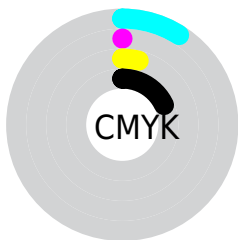
Blue (79%)



Red (75%)

Yellow (80%)

Blue (82%)

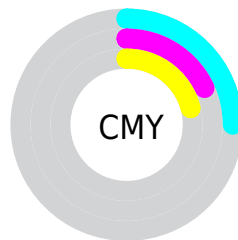


Cyan (9%)

Magenta (0%)

Yellow (4%)

Black (18%)



Cyan (25%)

Magenta (18%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.5639, 0.3049, 0.3385 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 61.5639, 0.3049, 0.3385 by changing the saturation by 10% instead.

■ 61.5639, 0.3049,
0.3385

■ 61.5639, 0.3049,
0.3385

430.3386, 0.3086,
0.3339

■ 44.6804, 0.3040,
0.3396

■ 107.0950, 0.3062,
0.3369

■ 31.2058, 0.3029,
0.3409

136.5114, 0.3067,
0.3363

■ 20.7556, 0.3014,
0.3427

170.8742, 0.3072,
0.3357

■ 12.9455, 0.2995,
0.3451

210.5679, 0.3075,
0.3353

■ 7.3910, 0.2967,
0.3485

255.9767, 0.3079,
0.3349

■ 3.7078, 0.2925,
0.3537

307.4852, 0.3082,

■ 1.5115, 0.2853,

0.3345

0.3627

365.4777, 0.3084,
0.3342

0.2968, 0.1664,
0.5052

0.0000, 0.0000,
0.0000

61.5639, 0.3049,
0.3385

61.5639, 0.3049,
0.3385

58.5897, 0.2960,
0.3508

64.9610, 0.3140,
0.3275

56.0137, 0.2876,
0.3643

68.7892, 0.3232,
0.3177

53.8204, 0.2800,
0.3791

73.0614, 0.3323,
0.3090

51.9901, 0.2735,
0.3950

73.5983, 0.3257,
0.3000

■ 50.5016, 0.2685,
0.4117

■ 74.1635, 0.3192,
0.2911

■ 49.3312, 0.2652,
0.4289

■ 74.5708, 0.3148,
0.2851

■ 48.4521, 0.2638,
0.4463

■ 47.8326, 0.2645,
0.4635

■ 47.4247, 0.2669,
0.4801

Harmonies

Analogous

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



61.5639, 0.3147, 0.3446



61.5639, 0.3049, 0.3385



61.5639, 0.2972, 0.3298

Triad

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



61.5639, 0.3049, 0.3385



61.5639, 0.3012, 0.3121



61.5639, 0.3321, 0.3365

Complementary

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



61.5639, 0.3049, 0.3385



55.5816, 0.3213, 0.3197

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.



61.5639, 0.3284, 0.3279



61.5639, 0.3049, 0.3385



61.5639, 0.3105, 0.3141

Square

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



61.5639, 0.3049, 0.3385



61.5639, 0.2951, 0.3146



61.5639, 0.3204, 0.3198



61.5639, 0.3306, 0.3433

Rectangle

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



61.5639, 0.3049, 0.3385



61.5639, 0.2943, 0.3238



61.5639, 0.3204, 0.3198



61.5639, 0.3315, 0.3337

Sweetspot

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



61.5665, 0.3049, 0.3385



98.3614, 0.3099, 0.3323



62.1926, 0.3178, 0.3503



20.9619, 0.3092, 0.3332



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.



61.5665, 0.3049, 0.3385



94.7737, 0.3035, 0.3403



61.5113, 0.2996, 0.3279



13.3149, 0.3041, 0.3395



28.9190, 0.2667, 0.4801



1.6328, 0.2582, 0.4495

Inverse Universe

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



55.5816, 0.3213, 0.3197



83.9148, 0.3230, 0.3179



55.6146, 0.3273, 0.3301



11.8941, 0.3222, 0.3187



8.8603, 0.5183, 0.2629



0.5113, 0.4730, 0.2380

Previews

White Background



This preview shows how the Yxy color 61.5639, 0.3049, 0.3385 looks on a white background.

Color Contrast Check

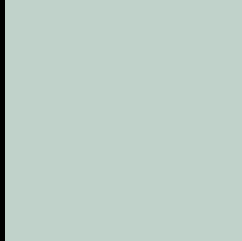
Large Text (above 18pt) WCAG AA × Fail

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 61.5639, 0.3049, 0.3385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

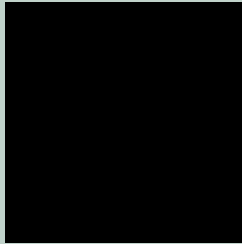
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

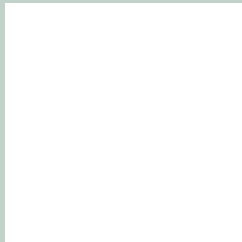
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.5639, 0.3049, 0.3385

Background



This preview shows how black text looks on a background with the Yxy color 61.5639, 0.3049, 0.3385.



This preview shows how white text looks on a background with the Yxy color 61.5639, 0.3049, 0.3385.

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

61.5639, 0.3049, 0.3385

Protanopia

61.6350, 0.3216, 0.3360

Deuteranopia

61.3752, 0.3304, 0.3235



Tritanopia

61.6891, 0.2939, 0.3104

Trichromacy



Original Color

61.5639, 0.3049, 0.3385

Protanomaly

61.6331, 0.3154, 0.3372

Deuteranomaly

61.3198, 0.3212, 0.3290

Tritanomaly

61.6201, 0.2984, 0.3208

Monochromacy



Original Color

61.5639, 0.3049, 0.3385

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.7338, 0.3103, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.5639, 0.3049, 0.3385 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, 210, 202)` looks like.

```
.text, #text, p{  
    color:rgb(192, 210, 202)  
}
```

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, 210, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 210, 202) }
```

Border

The CSS property to change the border of an element to Yxy 61.5639, 0.3049, 0.3385 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, 210, 202) }
```

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

```
.border{ border-color:rgb(192, 210, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 210, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 210, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 210, 202);  
box-shadow:4px 4px 4px 4px rgb(192, 210,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 61.5639, 0.3049, 0.3385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 210, 202) }
```

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

```
.background{ background-color: rgb(192,  
210, 202) }
```

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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