

Converting Colors

$Yxy(61.5503, 0.3035, 0.3277)$

Have a look what the booklet for
Yxy(61.5503, 0.3035, 0.3277)
contains.

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Color

Yxy(61.5855, 0.3039, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	C5D0D1
RGB	197, 208, 209
RGB Percent	77%, 82%, 82%
CMY	0.2273, 0.1843, 0.1804
CMYK	0.06, 0.00, 0.00, 0.18
HSL	185°, 12%, 80%
HSV	185°, 6%, 82%
XYZ	57.0953, 61.5855, 69.1944
YIQ	204.8250, -6.8770, -2.0210

Conversions

Conversions Part 2

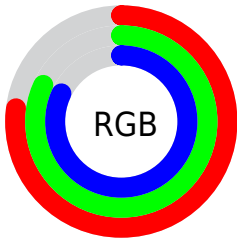
Format	Color
RYB	197, 203, 209
Decimal	12964049
CIELab	82.69, -3.52, -1.79
CIElCh	83, 3.946, 206.971
Yxy	61.5855, 0.3039, 0.3278
Android (android.graphics.Color)	4291154129 (0xFFC5D0D1)
YUV	204.8250, 2.0583, -6.8625
Hunter-Lab	78.4764, -7.4666, 2.6562

Details

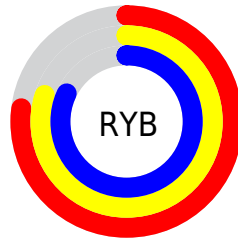
The Yxy color **61.5855, 0.3039, 0.3278** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.9873, 0.3222, 0.3302**, and the grayscale version is **60.9272, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **31.3174, 0.3011, 0.3274** is the 20% darker color. If you saturate the color by 10%, you get **58.1152, 0.2889, 0.3256**, and if you desaturate by 10%, it is **65.4615, 0.3194, 0.3299**.

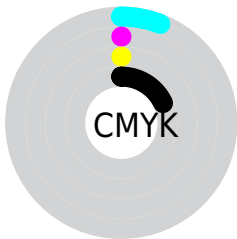
Distribution



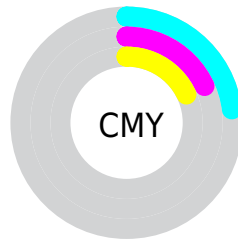
- Red (77%)
- Green (82%)
- Blue (82%)



- Red (77%)
- Yellow (80%)
- Blue (82%)



- Cyan (6%)
- Magenta (0%)
- Yellow (0%)
- Black (18%)



- Cyan (23%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.5855, 0.3039, 0.3278 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 61.5855, 0.3039, 0.3278 by changing the saturation by 10% instead.

■ 61.5855, 0.3039,
0.3278

■ 61.5855, 0.3039,
0.3278

430.4175, 0.3081,
0.3284

■ 44.6979, 0.3029,
0.3277

107.1262, 0.3054,
0.3280

■ 31.2195, 0.3017,
0.3275

136.5481, 0.3060,
0.3281

■ 20.7661, 0.3001,
0.3272

170.9169, 0.3064,
0.3282

■ 12.9531, 0.2979,
0.3269

210.6169, 0.3069,
0.3282

■ 7.3963, 0.2949,
0.3264

256.0326, 0.3072,
0.3283

■ 3.7111, 0.2904,
0.3257

307.5483, 0.3076,

■ 1.5133, 0.2827,

0.3283

0.3244

365.5485, 0.3078,
0.3284

0.2981, 0.2089,
0.3154

0.0000, 0.0000,
0.0000

61.5855, 0.3039,
0.3278

61.5855, 0.3039,
0.3278

58.1152, 0.2889,
0.3256

65.4615, 0.3194,
0.3299

55.0267, 0.2748,
0.3231

69.7504, 0.3351,
0.3317

52.3055, 0.2617,
0.3206

73.5613, 0.3472,
0.3334

49.9332, 0.2500,
0.3179

74.4426, 0.3469,
0.3352

■ 47.8897, 0.2399,
0.3151

■ 75.3333, 0.3465,
0.3369

■ 46.1527, 0.2317,
0.3122

■ 76.2335, 0.3462,
0.3387

■ 44.6973, 0.2253,
0.3094

■ 77.1432, 0.3459,
0.3404

■ 43.4944, 0.2209,
0.3065

■ 78.0623, 0.3456,
0.3422

■ 42.5080, 0.2182,
0.3037

■ 78.9911, 0.3453,
0.3439

Harmonies

Analogous

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



61.5855, 0.3072, 0.3323



61.5855, 0.3039, 0.3278



61.5855, 0.3030, 0.3237

Triad

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



61.5855, 0.3039, 0.3278



61.5855, 0.3135, 0.3222



61.5855, 0.3208, 0.3371

Complementary

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



61.5855, 0.3039, 0.3278



57.9873, 0.3222, 0.3302

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.



61.5855, 0.3226, 0.3343



61.5855, 0.3039, 0.3278



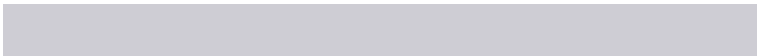
61.5855, 0.3183, 0.3257

Square

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



61.5855, 0.3039, 0.3278



61.5855, 0.3085, 0.3205



61.5855, 0.3216, 0.3301



61.5855, 0.3169, 0.3377

Rectangle

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



61.5855, 0.3039, 0.3278



61.5855, 0.3038, 0.3217



61.5855, 0.3216, 0.3301



61.5855, 0.3217, 0.3363

Sweetspot

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



61.5881, 0.3039, 0.3278



98.7749, 0.3096, 0.3286



61.5415, 0.3115, 0.3423



21.1548, 0.3097, 0.3286



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.



61.5881, 0.3039, 0.3278



95.8258, 0.3018, 0.3275



58.8194, 0.3040, 0.3210



13.3788, 0.3012, 0.3274



26.0444, 0.2175, 0.3029



1.5071, 0.2189, 0.3081

Inverse Universe

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



58.0547, 0.3141, 0.3163



89.0399, 0.3144, 0.3132



60.6823, 0.3216, 0.3369



12.3723, 0.3145, 0.3122



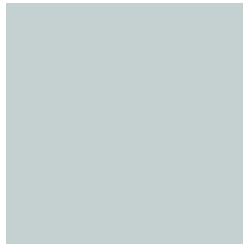
10.7005, 0.3429, 0.1662



0.6034, 0.3384, 0.1638

Previews

White Background



This preview shows how the Yxy color 61.5855, 0.3039, 0.3278 looks on a white background.

Color Contrast Check

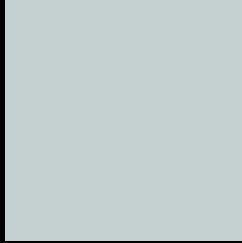
Large Text (above 18pt) WCAG AA × Fail

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 61.5855, 0.3039, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

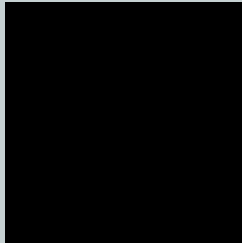
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

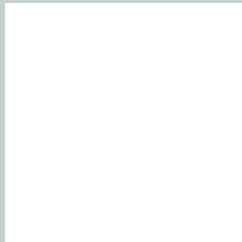
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.5855, 0.3039, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 61.5855, 0.3039, 0.3278.

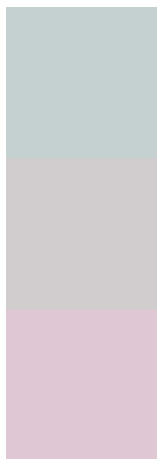


This preview shows how white text looks on a background with the Yxy color 61.5855, 0.3039, 0.3278.

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

61.5855, 0.3039, 0.3278

Protanopia

61.7229, 0.3143, 0.3267

Deuteranopia

61.2380, 0.3227, 0.3157



Tritanopia

61.5587, 0.2966, 0.3105

Trichromacy



Original Color

61.5855, 0.3039, 0.3278

Protanomaly

61.6758, 0.3106, 0.3267

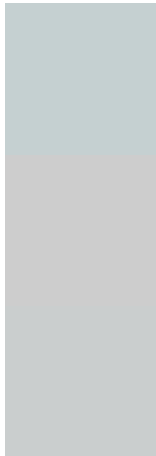
Deuteranomaly

61.1903, 0.3162, 0.3199

Tritanomaly

61.6412, 0.2992, 0.3173

Monochromacy



Original Color

61.5855, 0.3039, 0.3278

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.1554, 0.3097, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.5855, 0.3039, 0.3278 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(197, 208, 209)` looks like.

```
.text, #text, p{  
    color:rgb(197, 208, 209)  
}
```

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(197, 208, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 208, 209) }
```

Border

The CSS property to change the border of an element to Yxy 61.5855, 0.3039, 0.3278 is called "border". The border property can be set on classes, ids or directly on the HTML element.

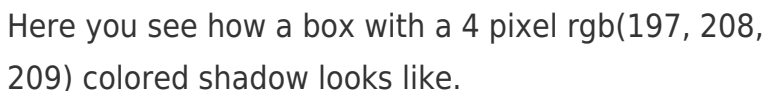
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 208, 209) }
```

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

```
.border{ border-color:rgb(197, 208, 209) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 208, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 208, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 208, 209);  
box-shadow:4px 4px 4px 4px rgb(197, 208,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 61.5855, 0.3039, 0.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 208, 209) }
```

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

```
.background{ background-color: rgb(197,  
208, 209) }
```

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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