

# Converting Colors

$Yxy(61.5727, 0.3019, 0.3258)$

Have a look what the booklet for  
Yxy(61.5727, 0.3019, 0.3258)  
contains.

<b>Yxy(61.5507, 0.3018, 0.3254)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	27
<b><i>CSS Examples</i></b> .....	30

# Color

**Yxy(61.5507, 0.3018, 0.3254)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4D0D3
RGB	196, 208, 211
RGB Percent	77%, 82%, 83%
CMY	0.2313, 0.1843, 0.1724
CMYK	0.07, 0.01, 0.00, 0.17
HSL	192°, 15%, 80%
HSV	192°, 7%, 83%
XYZ	57.0867, 61.5507, 70.5166
YIQ	204.7540, -8.1150, -1.6110

# Conversions

## Conversions Part 2

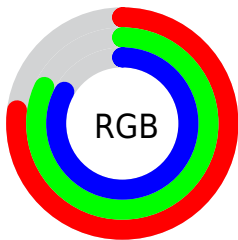
Format	Color
<b>RYB</b>	196, 203, 211
Decimal	12898515
CIELab	82.67, -3.46, -2.91
CIELCh	83, 4.520, 220.082
Yxy	61.5507, 0.3018, 0.3254
Android (android.graphics.Color)	4291088595 (0xFFC4D0D3)
YUV	204.7540, 3.0793, -7.6773
Hunter-Lab	78.4543, -7.4107, 1.6267

# Details

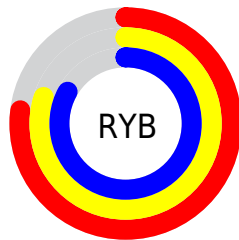
The Yxy color **61.5507, 0.3018, 0.3254** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.7152, 0.3244, 0.3326**, and the grayscale version is **60.8748, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6226, 0.3115, 0.3290**, and **31.2963, 0.2984, 0.3243** is the 20% darker color. If you saturate the color by 10%, you get **56.8662, 0.2866, 0.3199**, and if you desaturate by 10%, it is **66.6944, 0.3172, 0.3304**.

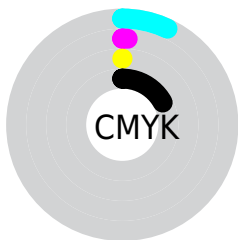
# Distribution



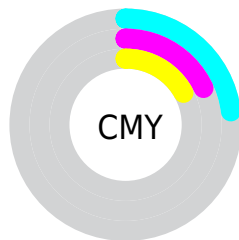
- Red (77%)
- Green (82%)
- Blue (83%)



- Red (77%)
- Yellow (80%)
- Blue (83%)



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (17%)



- Cyan (23%)
- Magenta (18%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 61.5507, 0.3018, 0.3254 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 61.5507, 0.3018, 0.3254 by changing the saturation by 10% instead.



■ 61.5507, 0.3018,  
0.3254

■ 61.5507, 0.3018,  
0.3254

430.2903, 0.3070,  
0.3271

■ 44.6698, 0.3006,  
0.3250

107.0759, 0.3036,  
0.3260

■ 31.1974, 0.2990,  
0.3245

136.4889, 0.3043,  
0.3263

■ 20.7492, 0.2971,  
0.3238

170.8481, 0.3049,  
0.3265

■ 12.9408, 0.2944,  
0.3228

210.5379, 0.3055,  
0.3266

■ 7.3878, 0.2907,  
0.3215

255.9426, 0.3059,  
0.3268

■ 3.7058, 0.2851,  
0.3195

307.4466, 0.3063,

■ 1.5104, 0.2757,

0.3269

0.3159

365.4344, 0.3067,  
0.3270

0.2960, 0.1933,  
0.2906

0.0000, 0.0000,  
0.0000

61.5507, 0.3018,  
0.3254

61.5507, 0.3018,  
0.3254

56.8662, 0.2866,  
0.3199

66.6944, 0.3172,  
0.3304

52.6163, 0.2720,  
0.3139

72.3055, 0.3325,  
0.3349

48.7852, 0.2581,  
0.3075

77.5697, 0.3444,  
0.3390

45.3536, 0.2454,  
0.3007

79.8490, 0.3436,  
0.3432

■ 42.3002, 0.2341,  
0.2936

■ 82.1860, 0.3429,  
0.3475

■ 39.6015, 0.2245,  
0.2863

■ 84.5811, 0.3422,  
0.3517

■ 37.2309, 0.2168,  
0.2789

■ 87.0346, 0.3415,  
0.3558

■ 35.1574, 0.2111,  
0.2715

■ 89.5471, 0.3408,  
0.3599

■ 33.3400, 0.2071,  
0.2642

■ 92.1188, 0.3401,  
0.3640

# Harmonies

## Analogous

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



61.5507, 0.3044, 0.3306



61.5507, 0.3018, 0.3254



61.5507, 0.3021, 0.3213

# Triad

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



61.5507, 0.3018, 0.3254



61.5507, 0.3161, 0.3228



61.5507, 0.3203, 0.3389

# Complementary

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



61.5507, 0.3018, 0.3254



58.7152, 0.3244, 0.3326

# 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.



61.5507, 0.3235, 0.3367



61.5507, 0.3018, 0.3254



61.5507, 0.3211, 0.3274

# Square

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



61.5507, 0.3018, 0.3254



61.5507, 0.3103, 0.3198



61.5507, 0.3238, 0.3325



61.5507, 0.3151, 0.3384

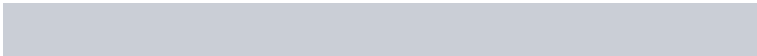


# Rectangle

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



61.5507, 0.3018, 0.3254



61.5507, 0.3038, 0.3196



61.5507, 0.3238, 0.3325



61.5507, 0.3217, 0.3384

# Sweetspot

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



61.5533, 0.3018, 0.3254



98.3893, 0.3096, 0.3280



62.4666, 0.3098, 0.3432



21.0763, 0.3098, 0.3281



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

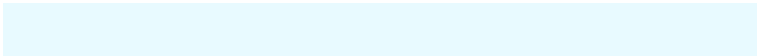


# Same Dimension

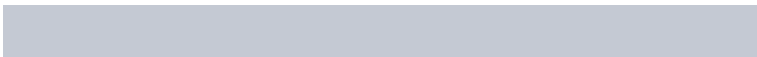
The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.5533, 0.3018, 0.3254



92.9789, 0.2988, 0.3244



57.9981, 0.3019, 0.3165



12.9841, 0.2983, 0.3242



19.9629, 0.2065, 0.2632



1.2216, 0.2102, 0.2766



# Inverse Universe

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



57.8998, 0.3158, 0.3152



85.9261, 0.3167, 0.3113



62.2370, 0.3236, 0.3412



11.9664, 0.3168, 0.3106



10.0865, 0.3793, 0.1863

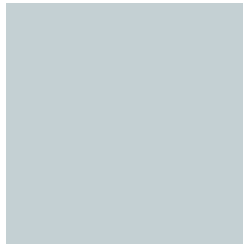


0.5746, 0.3666, 0.1793



# Previews

## White Background



This preview shows how the Yxy color 61.5507, 0.3018, 0.3254 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

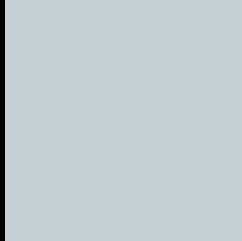
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 61.5507, 0.3018, 0.3254 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

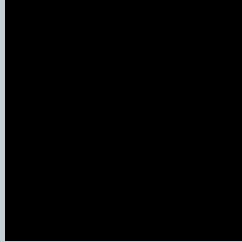
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

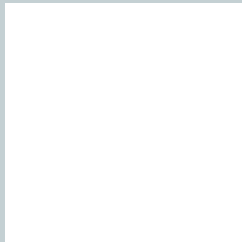
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 61.5507, 0.3018, 0.3254**

## **Background**



This preview shows how black text looks on a background with the Yxy color 61.5507, 0.3018, 0.3254.



This preview shows how white text looks on a background with the Yxy color 61.5507, 0.3018, 0.3254.

# 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

61.5507, 0.3018, 0.3254

### Protanopia

61.1991, 0.3122, 0.3232

### Deuteranopia

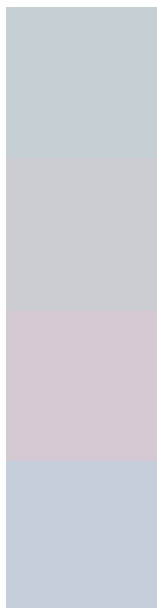
61.1805, 0.3205, 0.3134



## Tritanopia

61.4761, 0.2953, 0.3093

# Trichromacy



## Original Color

61.5507, 0.3018, 0.3254

## Protanomaly

61.1532, 0.3085, 0.3232

## Deuteranomaly

61.1407, 0.3140, 0.3176

## Tritanomaly

61.6104, 0.2972, 0.3150

# Monochromacy



## Original Color

61.5507, 0.3018, 0.3254

## Achromatopsia

61.0496, 0.3127, 0.3290

## Achromatomaly

61.2042, 0.3090, 0.3278

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 61.5507, 0.3018, 0.3254 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(196, 208, 211)` looks like.

```
.text, #text, p{  
    color:rgb(196, 208, 211)  
}
```

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(196, 208, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 208, 211) }
```

## Border

The CSS property to change the border of an element to Yxy 61.5507, 0.3018, 0.3254 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(196, 208, 211) }
```

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

```
.border{ border-color:rgb(196, 208, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 208, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 208, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 208, 211);  
box-shadow:4px 4px 4px 4px rgb(196, 208,  
211) }
```



# Background

The CSS property to change the background color of an element to Yxy 61.5507, 0.3018, 0.3254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 208, 211) }
```

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

```
.background{ background-color: rgb(196,  
208, 211) }
```

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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