

Converting Colors

Yxy(61.7809, 0.3028, 0.3259)

Have a look what the booklet for
Yxy(61.7809, 0.3028, 0.3259)
contains.

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Color

Yxy(61.6852, 0.3025, 0.3255)

Conversions

Conversions Part 1

Format	Color
Hex	C5D0D3
RGB	197, 208, 211
RGB Percent	77%, 82%, 83%
CMY	0.2277, 0.1842, 0.1726
CMYK	0.07, 0.01, 0.00, 0.17
HSL	193°, 14%, 80%
HSV	193°, 7%, 83%
XYZ	57.3265, 61.6852, 70.4974
YIQ	205.0530, -7.5190, -1.3990

Conversions

Conversions Part 2

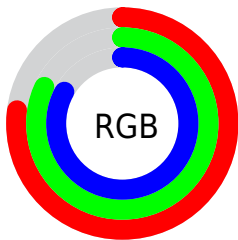
Format	Color
RYB	197, 203, 211
Decimal	12964051
CIELab	82.75, -3.18, -2.77
CIELCh	83, 4.216, 221.084
Yxy	61.6852, 0.3025, 0.3255
Android (android.graphics.Color)	4291154131 (0xFFC5D0D3)
YUV	205.0530, 2.9319, -7.0625
Hunter-Lab	78.5399, -7.1573, 1.7593

Details

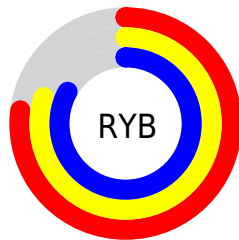
The Yxy color **61.6852, 0.3025, 0.3255** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.1371, 0.3236, 0.3325**, and the grayscale version is **61.0660, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **31.3852, 0.2993, 0.3243** is the 20% darker color. If you saturate the color by 10%, you get **56.9005, 0.2873, 0.3198**, and if you desaturate by 10%, it is **66.9344, 0.3179, 0.3307**.

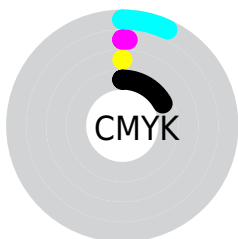
Distribution



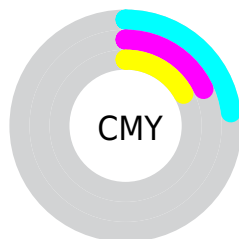
- Red (77%)
- Green (82%)
- Blue (83%)



- 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 61.6852, 0.3025, 0.3255 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 61.6852, 0.3025, 0.3255 by changing the saturation by 10% instead.

■ 61.6852, 0.3025,
0.3255

■ 61.6852, 0.3025,
0.3255

430.7819, 0.3074,
0.3272

■ 44.7784, 0.3014,
0.3251

107.2704, 0.3042,
0.3261

■ 31.2829, 0.2999,
0.3246

136.7176, 0.3049,
0.3263

■ 20.8144, 0.2981,
0.3239

171.1137, 0.3054,
0.3265

■ 12.9884, 0.2956,
0.3230

210.8432, 0.3059,
0.3267

■ 7.4205, 0.2921,
0.3217

256.2903, 0.3064,
0.3268

■ 3.7265, 0.2869,
0.3198

307.8395, 0.3067,

■ 1.5218, 0.2781,

0.3270

0.3164

365.8753, 0.3071,
0.3271

0.3040, 0.2032,
0.2923

0.0000, 0.0000,
0.0000

61.6852, 0.3025,
0.3255

61.6852, 0.3025,
0.3255

56.9005, 0.2873,
0.3198

66.9344, 0.3179,
0.3307

52.5555, 0.2726,
0.3136

72.6562, 0.3332,
0.3353

48.6346, 0.2586,
0.3069

77.8611, 0.3443,
0.3396

45.1185, 0.2457,
0.2999

80.2435, 0.3436,
0.3440

■ 41.9859, 0.2343,
0.2925

■ 82.6885, 0.3428,
0.3484

■ 39.2133, 0.2245,
0.2848

■ 85.1966, 0.3421,
0.3528

■ 36.7743, 0.2166,
0.2771

■ 87.7682, 0.3413,
0.3571

■ 34.6382, 0.2106,
0.2694

■ 90.4038, 0.3406,
0.3613

■ 32.7654, 0.2065,
0.2617

■ 93.1038, 0.3399,
0.3656

Harmonies

Analogous

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



61.6852, 0.3049, 0.3303



61.6852, 0.3025, 0.3255



61.6852, 0.3028, 0.3217

Triad

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



61.6852, 0.3025, 0.3255



61.6852, 0.3160, 0.3233



61.6852, 0.3197, 0.3382

Complementary

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



61.6852, 0.3025, 0.3255



59.1371, 0.3236, 0.3325

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.



61.6852, 0.3227, 0.3363



61.6852, 0.3025, 0.3255



61.6852, 0.3206, 0.3277

Square

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



61.6852, 0.3025, 0.3255



61.6852, 0.3106, 0.3205



61.6852, 0.3231, 0.3324



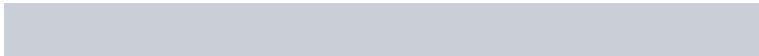
61.6852, 0.3148, 0.3377

Rectangle

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



61.6852, 0.3025, 0.3255



61.6852, 0.3045, 0.3202



61.6852, 0.3231, 0.3324



61.6852, 0.3209, 0.3379

Sweetspot

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



61.6878, 0.3025, 0.3255



98.3621, 0.3096, 0.3280



62.5990, 0.3100, 0.3423



21.0708, 0.3098, 0.3280



0.0000, 0.0000, 0.0000



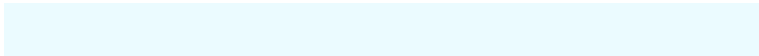
21.4041, 0.3127, 0.3290

Same Dimension

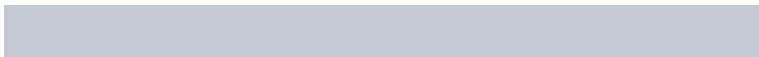
The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.6878, 0.3025, 0.3255



93.6236, 0.3003, 0.3247



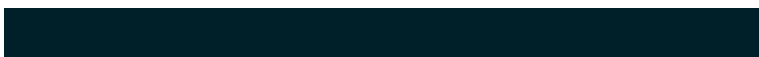
58.4109, 0.3026, 0.3174



12.9667, 0.2983, 0.3240



19.5740, 0.2057, 0.2603



1.2029, 0.2095, 0.2743

Inverse Universe

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



58.3087, 0.3156, 0.3162



87.3942, 0.3163, 0.3134



62.3877, 0.3229, 0.3404



11.9646, 0.3169, 0.3108



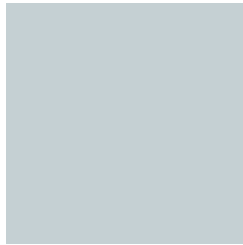
10.0473, 0.3821, 0.1879



0.5727, 0.3687, 0.1805

Previews

White Background



This preview shows how the Yxy color 61.6852, 0.3025, 0.3255 looks on a white background.

Color Contrast Check

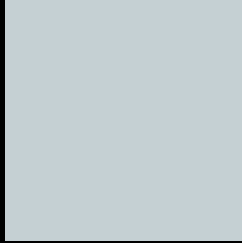
Large Text (above 18pt) WCAG AA × Fail

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 61.6852, 0.3025, 0.3255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

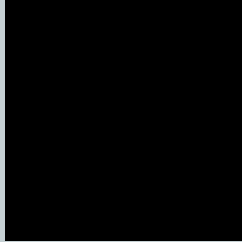
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

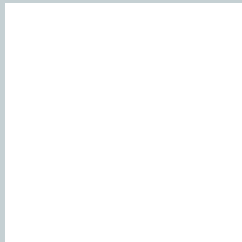
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.6852, 0.3025, 0.3255

Background



This preview shows how black text looks on a background with the Yxy color 61.6852, 0.3025, 0.3255.



This preview shows how white text looks on a background with the Yxy color 61.6852, 0.3025, 0.3255.

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

61.6852, 0.3025, 0.3255

Protanopia

61.6760, 0.3122, 0.3244

Deuteranopia

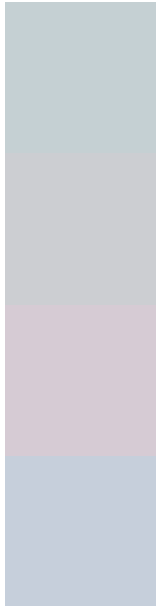
61.8006, 0.3212, 0.3146



Tritanopia

61.6124, 0.2960, 0.3094

Trichromacy



Original Color

61.6852, 0.3025, 0.3255

Protanomaly

61.6331, 0.3084, 0.3244

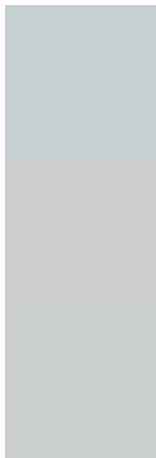
Deuteranomaly

61.7615, 0.3147, 0.3188

Tritanomaly

61.7459, 0.2979, 0.3150

Monochromacy



Original Color

61.6852, 0.3025, 0.3255

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 61.6852, 0.3025, 0.3255 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, 211)` looks like.

```
.text, #text, p{  
    color:rgb(197, 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(197, 208, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 208, 211) }
```

Border

The CSS property to change the border of an element to Yxy 61.6852, 0.3025, 0.3255 is called "border". The border property can be set on classes, ids or directly on the HTML element.

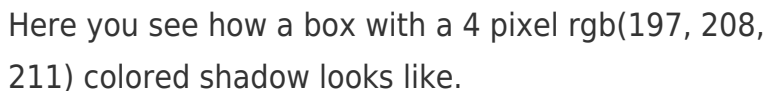
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 208, 211) }
```

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

```
.border{ border-color:rgb(197, 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(197, 208, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 208, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 208, 211);  
box-shadow:4px 4px 4px 4px rgb(197, 208,  
211) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 61.6852, 0.3025, 0.3255$ 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, 211) }
```

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

```
.background{ background-color: rgb(197,  
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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