

Converting Colors

Yxy(61.3261, 0.3080, 0.3253)

Have a look what the booklet for
Yxy(61.3261, 0.3080, 0.3253)
contains.

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Color

Yxy(61.4426, 0.3084, 0.3255)

Conversions

Conversions Part 1

Format	Color
Hex	CBCED1
RGB	203, 206, 209
RGB Percent	80%, 81%, 82%
CMY	0.2038, 0.1922, 0.1804
CMYK	0.03, 0.01, 0.00, 0.18
HSL	210°, 6%, 81%
HSV	210°, 3%, 82%
XYZ	58.2147, 61.4426, 69.1064
YIQ	205.4450, -2.7510, 0.2970

Conversions

Conversions Part 2

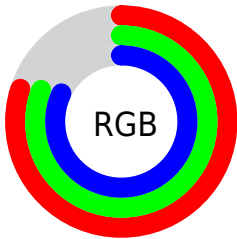
Format	Color
RYB	203, 205, 209
Decimal	13356753
CIELab	82.62, -0.45, -1.85
CIELCh	83, 1.902, 256.366
Yxy	61.4426, 0.3084, 0.3255
Android (android.graphics.Color)	4291546833 (0xFFCBCED1)
YUV	205.4450, 1.7526, -2.1443
Hunter-Lab	78.3853, -4.6070, 2.5982

Details

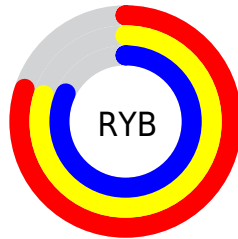
The Yxy color **61.4426, 0.3084, 0.3255** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.0260, 0.3171, 0.3325**, and the grayscale version is **61.3427, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.2126, 0.3070, 0.3244** is the 20% darker color. If you saturate the color by 10%, you get **53.8109, 0.2928, 0.3123**, and if you desaturate by 10%, it is **69.8139, 0.3233, 0.3373**.

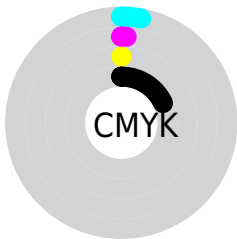
Distribution



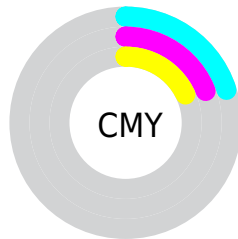
- Red (80%)
- Green (81%)
- Blue (82%)



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



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (18%)



- Cyan (20%)
- Magenta (19%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.4426, 0.3084, 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 61.4426, 0.3084, 0.3255 by changing the saturation by 10% instead.

■ 61.4426, 0.3084,
0.3255

■ 61.4426, 0.3084,
0.3255

429.8950, 0.3105,
0.3272

■ 44.5825, 0.3079,
0.3251

106.9195, 0.3091,
0.3261

■ 31.1287, 0.3073,
0.3246

136.3051, 0.3094,
0.3263

■ 20.6968, 0.3065,
0.3240

170.6346, 0.3096,
0.3265

■ 12.9026, 0.3055,
0.3231

210.2924, 0.3099,
0.3267

■ 7.3615, 0.3040,
0.3219

255.6630, 0.3100,
0.3268

■ 3.6892, 0.3017,
0.3200

307.1307, 0.3102,

■ 1.5013, 0.2979,

0.3270

0.3169

365.0799, 0.3103,
0.3271

0.2896, 0.2647,
0.2900

0.0000, 0.0000,
0.0000

61.4426, 0.3084,
0.3255

61.4426, 0.3084,
0.3255

53.8109, 0.2928,
0.3123

69.8139, 0.3233,
0.3373

46.8885, 0.2767,
0.2976

78.9380, 0.3373,
0.3477

40.6546, 0.2603,
0.2815

86.7448, 0.3429,
0.3576

35.0842, 0.2441,
0.2640

93.0318, 0.3411,
0.3676

■ 30.1504, 0.2284,
0.2454

■ 97.3830, 0.3400,
0.3741

■ 25.8244, 0.2138,
0.2260

■ 22.0741, 0.2008,
0.2063

■ 18.8640, 0.1899,
0.1868

■ 16.1520, 0.1814,
0.1681

Harmonies

Analogous

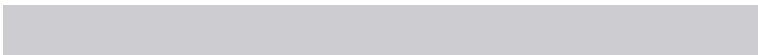
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



61.4426, 0.3080, 0.3271



61.4426, 0.3084, 0.3255



61.4426, 0.3099, 0.3249

Triad

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



61.4426, 0.3084, 0.3255



61.4426, 0.3166, 0.3288



61.4426, 0.3132, 0.3328

Complementary

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



61.4426, 0.3084, 0.3255



62.0260, 0.3171, 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.



61.4426, 0.3155, 0.3332



61.4426, 0.3084, 0.3255



61.4426, 0.3175, 0.3309

Square

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



61.4426, 0.3084, 0.3255



61.4426, 0.3146, 0.3268



61.4426, 0.3171, 0.3325



61.4426, 0.3108, 0.3313

Rectangle

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



61.4426, 0.3084, 0.3255



61.4426, 0.3114, 0.3250



61.4426, 0.3171, 0.3325



61.4426, 0.3140, 0.3330

Sweetspot

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



61.4452, 0.3084, 0.3255



98.7037, 0.3112, 0.3278



62.7553, 0.3103, 0.3325



21.1403, 0.3113, 0.3278



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

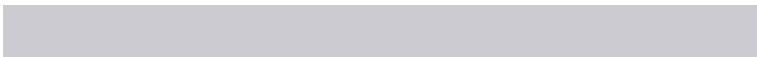
The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.4452, 0.3084, 0.3255



96.1466, 0.3081, 0.3253



60.0341, 0.3085, 0.3220



13.3317, 0.3070, 0.3244



9.1207, 0.1772, 0.1579



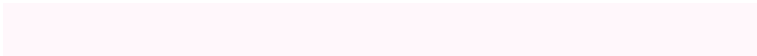
0.6687, 0.1865, 0.1913

Inverse Universe

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



60.7394, 0.3152, 0.3256



94.9704, 0.3153, 0.3254



63.4643, 0.3169, 0.3359



13.1294, 0.3160, 0.3245



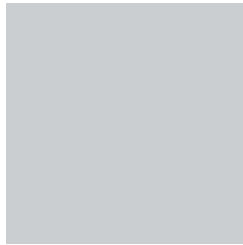
8.9920, 0.4958, 0.2505



0.5188, 0.4552, 0.2281

Previews

White Background



This preview shows how the Yxy color 61.4426, 0.3084, 0.3255 looks on a white background.

Color Contrast Check

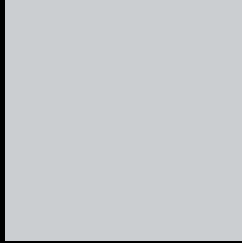
Large Text (above 18pt) WCAG AA × Fail

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 61.4426, 0.3084, 0.3255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

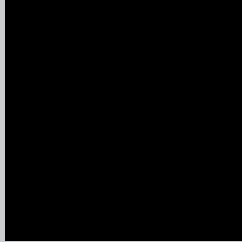
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

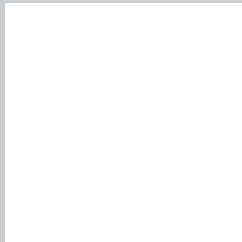
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.4426, 0.3084, 0.3255

Background



This preview shows how black text looks on a background with the Yxy color 61.4426, 0.3084, 0.3255.

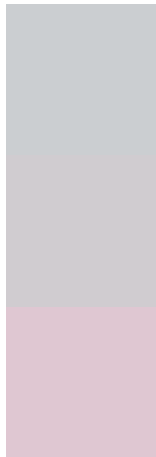


This preview shows how white text looks on a background with the Yxy color 61.4426, 0.3084, 0.3255.

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

61.4426, 0.3084, 0.3255

Protanopia

61.1497, 0.3129, 0.3244

Deuteranopia

61.1880, 0.3235, 0.3168



Tritanopia

61.3322, 0.3023, 0.3107

Trichromacy



Original Color

61.4426, 0.3084, 0.3255

Protanomaly

61.3385, 0.3114, 0.3255

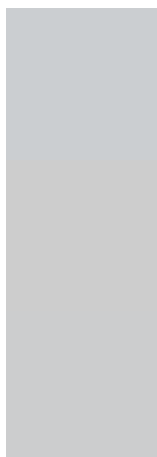
Deuteranomaly

61.4931, 0.3178, 0.3200

Tritanomaly

61.4579, 0.3043, 0.3163

Monochromacy



Original Color

61.4426, 0.3084, 0.3255

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.9562, 0.3113, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.4426, 0.3084, 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(203, 206, 209)` looks like.

```
.text, #text, p{  
    color:rgb(203, 206, 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(203, 206, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 206, 209) }
```

Border

The CSS property to change the border of an element to Yxy 61.4426, 0.3084, 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(203, 206, 209) }
```

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

```
.border{ border-color:rgb(203, 206, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 206, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 206, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 206, 209); box-shadow:4px 4px 4px 4px rgb(203, 206, 209) }
```


Background

The CSS property to change the background color of an element to Yxy 61.4426, 0.3084, 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(203, 206, 209) }
```

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

```
.background{ background-color: rgb(203,  
206, 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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