

Converting Colors

Yxy(60.0296, 0.3082, 0.3261)

Have a look what the booklet for
Yxy(60.0296, 0.3082, 0.3261)
contains.

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Color

Yxy(59.9701, 0.3076, 0.3255)

Conversions

Conversions Part 1

Format	Color
Hex	C8CCCF
RGB	200, 204, 207
RGB Percent	78%, 80%, 81%
CMY	0.2157, 0.2000, 0.1884
CMYK	0.03, 0.01, 0.00, 0.19
HSL	206°, 7%, 80%
HSV	206°, 3%, 81%
XYZ	56.6722, 59.9701, 67.5976
YIQ	203.1460, -3.3470, 0.0850

Conversions

Conversions Part 2

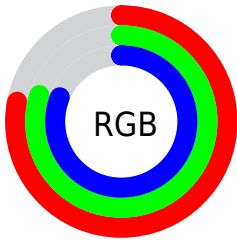
Format	Color
R _Y B	200, 203, 207
Decimal	13159631
CIE Lab	81.82, -0.81, -1.96
CIE LCh	82, 2.118, 247.541
Yxy	59.9701, 0.3076, 0.3255
Android (android.graphics.Color)	4291349711 (0xFFC8CCCF)
YUV	203.1460, 1.9000, -2.7590
Hunter-Lab	77.4404, -4.8912, 2.4541

Details

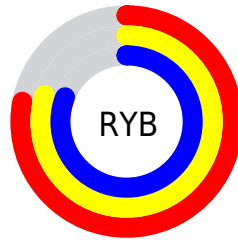
The Yxy color **59.9701, 0.3076, 0.3255** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.1264, 0.3179, 0.3325**, and the grayscale version is **59.8076, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.2236, 0.3059, 0.3243** is the 20% darker color. If you saturate the color by 10%, you get **53.2474, 0.2921, 0.3143**, and if you desaturate by 10%, it is **67.3200, 0.3226, 0.3355**.

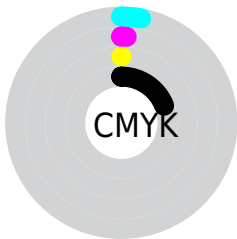
Distribution



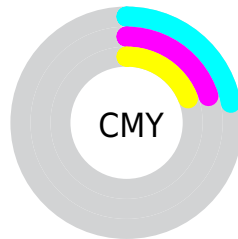
- Red (78%)
- Green (80%)
- Blue (81%)



- Red (78%)
- Yellow (80%)
- Blue (81%)



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (19%)



- Cyan (22%)
- Magenta (20%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.9701, 0.3076, 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 59.9701, 0.3076, 0.3255 by changing the saturation by 10% instead.

■ 59.9701, 0.3076,
0.3255

■ 59.9701, 0.3076,
0.3255

424.4876, 0.3101,
0.3272

■ 43.3945, 0.3070,
0.3251

104.7863, 0.3085,
0.3261

■ 30.1948, 0.3063,
0.3246

133.7957, 0.3088,
0.3263

■ 19.9865, 0.3053,
0.3239

167.7185, 0.3091,
0.3265

■ 12.3852, 0.3041,
0.3231

206.9392, 0.3093,
0.3267

■ 7.0066, 0.3023,
0.3218

251.8420, 0.3095,
0.3268

■ 3.4662, 0.2995,
0.3199

302.8114, 0.3097,

■ 1.3797, 0.2948,

0.3270

0.3166

360.2318, 0.3099,
0.3271

0.2017, 0.2355,
0.2762

0.0000, 0.0000,
0.0000

59.9701, 0.3076,
0.3255

59.9701, 0.3076,
0.3255

53.2474, 0.2921,
0.3143

67.3200, 0.3226,
0.3355

47.1250, 0.2763,
0.3019

75.3077, 0.3370,
0.3444

41.5851, 0.2605,
0.2884

82.5825, 0.3455,
0.3527

36.6059, 0.2451,
0.2737

87.6158, 0.3439,
0.3612

■ 32.1641, 0.2305,
0.2582

■ 92.9001, 0.3424,
0.3696

■ 28.2343, 0.2170,
0.2420

■ 97.2834, 0.3412,
0.3761

■ 24.7883, 0.2053,
0.2254

■ 21.7944, 0.1956,
0.2089

■ 19.2149, 0.1880,
0.1927

Harmonies

Analogous

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



59.9701, 0.3076, 0.3275



59.9701, 0.3076, 0.3255



59.9701, 0.3090, 0.3244

Triad

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



59.9701, 0.3076, 0.3255



59.9701, 0.3165, 0.3281



59.9701, 0.3141, 0.3335

Complementary

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



59.9701, 0.3076, 0.3255



60.1264, 0.3179, 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.



59.9701, 0.3165, 0.3336



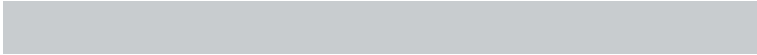
59.9701, 0.3076, 0.3255



59.9701, 0.3179, 0.3305

Square

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



59.9701, 0.3076, 0.3255



59.9701, 0.3141, 0.3259



59.9701, 0.3179, 0.3325



59.9701, 0.3113, 0.3322

Rectangle

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



59.9701, 0.3076, 0.3255



59.9701, 0.3105, 0.3244



59.9701, 0.3179, 0.3325



59.9701, 0.3150, 0.3337

Sweetspot

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



59.9727, 0.3076, 0.3255



98.8298, 0.3112, 0.3280



61.1969, 0.3103, 0.3338



21.1660, 0.3113, 0.3280



0.0000, 0.0000, 0.0000



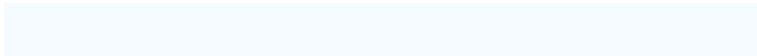
21.4041, 0.3127, 0.3290

Same Dimension

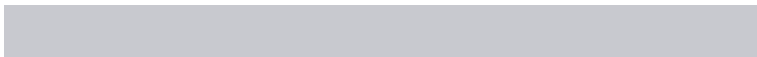
The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.9727, 0.3076, 0.3255



95.3808, 0.3066, 0.3248



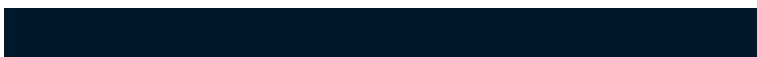
58.3639, 0.3077, 0.3215



13.2488, 0.3055, 0.3241



11.3411, 0.1846, 0.1845



0.7897, 0.1927, 0.2136

Inverse Universe

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



58.9318, 0.3152, 0.3243



93.3877, 0.3158, 0.3234



61.7600, 0.3177, 0.3364



12.9268, 0.3163, 0.3225



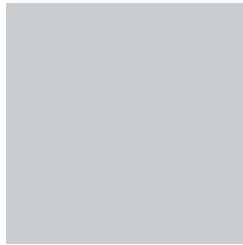
9.2162, 0.4632, 0.2325



0.5310, 0.4301, 0.2143

Previews

White Background



This preview shows how the Yxy color 59.9701, 0.3076, 0.3255 looks on a white background.

Color Contrast Check

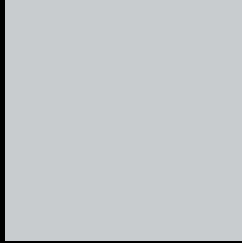
Large Text (above 18pt) WCAG AA × Fail

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 59.9701, 0.3076, 0.3255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

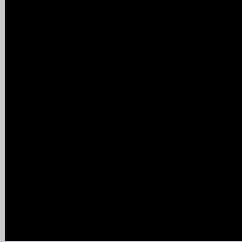
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

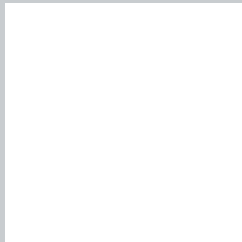
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.9701, 0.3076, 0.3255

Background



This preview shows how black text looks on a background with the Yxy color 59.9701, 0.3076, 0.3255.

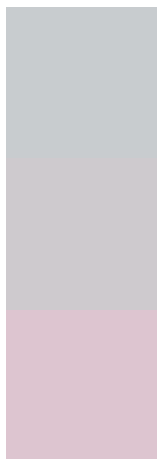


This preview shows how white text looks on a background with the Yxy color 59.9701, 0.3076, 0.3255.

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

59.9701, 0.3076, 0.3255

Protanopia

59.8191, 0.3129, 0.3243

Deuteranopia

59.8587, 0.3236, 0.3167



Tritanopia

59.8596, 0.3015, 0.3105

Trichromacy



Original Color

59.9701, 0.3076, 0.3255

Protanomaly

60.0055, 0.3113, 0.3255

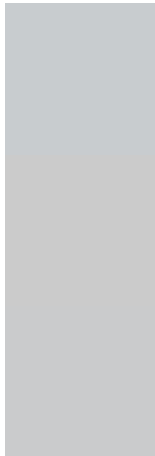
Deuteranomaly

60.0088, 0.3170, 0.3199

Tritanomaly

59.9844, 0.3035, 0.3162

Monochromacy



Original Color

59.9701, 0.3076, 0.3255

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.6281, 0.3112, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.9701, 0.3076, 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(200, 204, 207)` looks like.

```
.text, #text, p{  
    color:rgb(200, 204, 207)  
}
```

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(200, 204, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 204, 207) }
```

Border

The CSS property to change the border of an element to Yxy 59.9701, 0.3076, 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(200, 204, 207) }
```

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

```
.border{ border-color:rgb(200, 204, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 204, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 204, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 204, 207);  
box-shadow:4px 4px 4px 4px rgb(200, 204,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 59.9701, 0.3076, 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(200, 204, 207) }
```

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

```
.background{ background-color: rgb(200,  
204, 207) }
```

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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