

Converting Colors

Yxy(60.0416, 0.3066, 0.3388)

Have a look what the booklet for
Yxy(60.0416, 0.3066, 0.3388)
contains.

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Color

Yxy(59.9556, 0.3070, 0.3386)

Conversions

Conversions Part 1

Format	Color
Hex	C0CFC7
RGB	192, 207, 199
RGB Percent	75%, 81%, 78%
CMY	0.2471, 0.1882, 0.2195
CMYK	0.07, 0.00, 0.04, 0.19
HSL	148°, 14%, 78%
HSV	148°, 7%, 81%
XYZ	54.3602, 59.9556, 62.7533
YIQ	201.6030, -6.3720, -5.6680

Conversions

Conversions Part 2

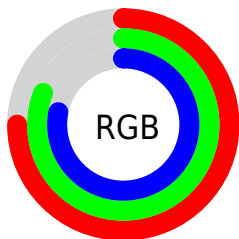
Format	Color
RYB	192, 202, 207
Decimal	12636103
CIELab	81.81, -6.58, 2.21
CIElCh	82, 6.938, 161.462
Yxy	59.9556, 0.3070, 0.3386
Android (android.graphics.Color)	4290826183 (0xFFC0CFC7)
YUV	201.6030, -1.2833, -8.4218
Hunter-Lab	77.4310, -10.1888, 6.1506

Details

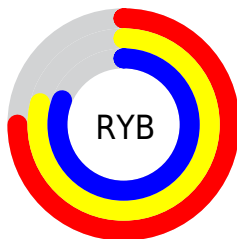
The Yxy color **59.9556, 0.3070, 0.3386** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.1312, 0.3189, 0.3196**, and the grayscale version is **58.8150, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6965, 0.3084, 0.3290**, and **30.3158, 0.3062, 0.3419** is the 20% darker color. If you saturate the color by 10%, you get **56.9504, 0.2993, 0.3532**, and if you desaturate by 10%, it is **63.3830, 0.3149, 0.3256**.

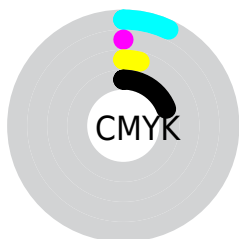
Distribution



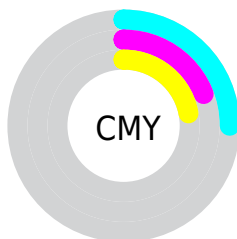
- Red (75%)
- Green (81%)
- Blue (78%)



- Red (75%)
- Yellow (79%)
- Blue (81%)



- Cyan (7%)
- Magenta (0%)
- Yellow (4%)
- Black (19%)



- Cyan (25%)
- Magenta (19%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.9556, 0.3070, 0.3386 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 59.9556, 0.3070, 0.3386 by changing the saturation by 10% instead.

■ 59.9556, 0.3070,
0.3386

■ 59.9556, 0.3070,
0.3386

424.4341, 0.3098,
0.3340

■ 43.3828, 0.3063,
0.3397

■ 104.7653, 0.3080,
0.3370

■ 30.1856, 0.3055,
0.3411

133.7710, 0.3084,
0.3363

■ 19.9795, 0.3044,
0.3429

167.6898, 0.3087,
0.3358

■ 12.3802, 0.3030,
0.3454

206.9060, 0.3090,
0.3353

■ 7.0031, 0.3009,
0.3489

251.8042, 0.3092,
0.3349

■ 3.4641, 0.2977,
0.3544

302.7687, 0.3094,

■ 1.3785, 0.2920,

0.3346

0.3639

360.1839, 0.3096,
0.3343

0.2008, 0.1025,
0.6794

0.0000, 0.0000,
0.0000

59.9556, 0.3070,
0.3386

59.9556, 0.3070,
0.3386

56.9504, 0.2993,
0.3532

63.3830, 0.3149,
0.3256

54.3430, 0.2919,
0.3694

67.2404, 0.3227,
0.3140

52.1185, 0.2851,
0.3872

71.5453, 0.3304,
0.3039

50.2578, 0.2794,
0.4063

72.3621, 0.3232,
0.2933

■ 48.7400, 0.2749,
0.4265

■ 73.0474, 0.3156,
0.2830

■ 47.5424, 0.2720,
0.4473

■ 73.1080, 0.3149,
0.2821

■ 46.6390, 0.2710,
0.4681

■ 45.9998, 0.2720,
0.4884

■ 45.5841, 0.2748,
0.5075

Harmonies

Analogous

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



59.9556, 0.3160, 0.3435



59.9556, 0.3070, 0.3386



59.9556, 0.2996, 0.3310

Triad

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



59.9556, 0.3070, 0.3386



59.9556, 0.3013, 0.3139



59.9556, 0.3300, 0.3346

Complementary

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



59.9556, 0.3070, 0.3386



55.1312, 0.3189, 0.3196

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.



59.9556, 0.3259, 0.3268



59.9556, 0.3070, 0.3386



59.9556, 0.3093, 0.3150

Square

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



59.9556, 0.3070, 0.3386



59.9556, 0.2964, 0.3168



59.9556, 0.3183, 0.3197



59.9556, 0.3293, 0.3411

Rectangle

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



59.9556, 0.3070, 0.3386



59.9556, 0.2966, 0.3256



59.9556, 0.3183, 0.3197



59.9556, 0.3291, 0.3321

Sweetspot

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



59.9582, 0.3070, 0.3386



98.8721, 0.3111, 0.3316



60.7127, 0.3180, 0.3469



21.1745, 0.3112, 0.3315



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.



59.9582, 0.3070, 0.3386



95.1430, 0.3055, 0.3412



60.3144, 0.3019, 0.3296



13.2971, 0.3053, 0.3416



28.6779, 0.2750, 0.5101



1.6195, 0.2653, 0.4750

Inverse Universe

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



55.1312, 0.3189, 0.3196



85.5484, 0.3206, 0.3171



54.7900, 0.3246, 0.3284



11.9118, 0.3208, 0.3167



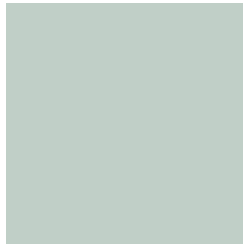
9.0873, 0.4811, 0.2424



0.5241, 0.4438, 0.2219

Previews

White Background



This preview shows how the Yxy color 59.9556, 0.3070, 0.3386 looks on a white background.

Color Contrast Check

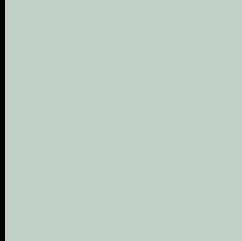
Large Text (above 18pt) WCAG AA × Fail

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 59.9556, 0.3070, 0.3386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

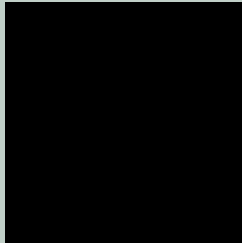
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

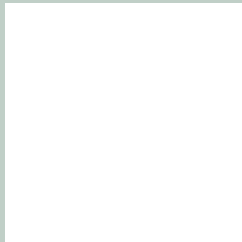
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.9556, 0.3070, 0.3386

Background



This preview shows how black text looks on a background with the Yxy color 59.9556, 0.3070, 0.3386.



This preview shows how white text looks on a background with the Yxy color 59.9556, 0.3070, 0.3386.

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

59.9556, 0.3070, 0.3386

Protanopia

59.6365, 0.3217, 0.3361

Deuteranopia

59.8375, 0.3305, 0.3245



Tritanopia

59.9551, 0.2950, 0.3102

Trichromacy



Original Color

59.9556, 0.3070, 0.3386

Protanomaly

59.7735, 0.3162, 0.3373

Deuteranomaly

59.9405, 0.3220, 0.3302

Tritanomaly

59.8854, 0.2997, 0.3207

Monochromacy



Original Color

59.9556, 0.3070, 0.3386

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.4085, 0.3103, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.9556, 0.3070, 0.3386 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(192, 207, 199)` looks like.

```
.text, #text, p{  
    color:rgb(192, 207, 199)  
}
```

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(192, 207, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 207, 199) }
```

Border

The CSS property to change the border of an element to Yxy 59.9556, 0.3070, 0.3386 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(192, 207, 199) }
```

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

```
.border{ border-color:rgb(192, 207, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 207, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 207, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 207, 199);  
box-shadow:4px 4px 4px 4px rgb(192, 207,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 59.9556, 0.3070, 0.3386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 207, 199) }
```

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

```
.background{ background-color: rgb(192,  
207, 199) }
```

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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