

Converting Colors

$Yxy(60.2982, 0.3094, 0.3312)$

Have a look what the booklet for
Yxy(60.2982, 0.3094, 0.3312)
contains.

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Color

Yxy(60.1166, 0.3096, 0.3314)

Conversions

Conversions Part 1

Format	Color
Hex	C7CDCB
RGB	199, 205, 203
RGB Percent	78%, 80%, 80%
CMY	0.2196, 0.1961, 0.2040
CMYK	0.03, 0.00, 0.01, 0.20
HSL	160°, 6%, 79%
HSV	160°, 3%, 80%
XYZ	56.1620, 60.1166, 65.1233
YIQ	202.9780, -2.9340, -1.8940

Conversions

Conversions Part 2

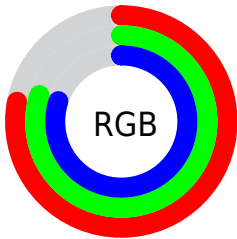
Format	Color
RYB	199, 203, 205
Decimal	13094347
CIELab	81.90, -2.42, 0.29
CIELCh	82, 2.436, 173.231
Yxy	60.1166, 0.3096, 0.3314
Android (android.graphics.Color)	4291284427 (0xFFC7CDCB)
YUV	202.9780, 0.0108, -3.4887
Hunter-Lab	77.5349, -6.3904, 4.4754

Details

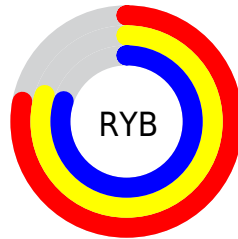
The Yxy color **60.1166, 0.3096, 0.3314** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.0493, 0.3159, 0.3266**, and the grayscale version is **59.7087, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.3229, 0.3085, 0.3321** is the 20% darker color. If you saturate the color by 10%, you get **57.1766, 0.2991, 0.3402**, and if you desaturate by 10%, it is **63.4544, 0.3203, 0.3235**.

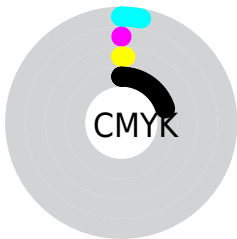
Distribution



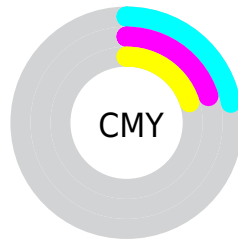
- Red (78%)
- Green (80%)
- Blue (80%)



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



- Cyan (3%)
- Magenta (0%)
- Yellow (1%)
- Black (20%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.1166, 0.3096, 0.3314 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 60.1166, 0.3096, 0.3314 by changing the saturation by 10% instead.

■ 60.1166, 0.3096,
0.3314

■ 60.1166, 0.3096,
0.3314

425.0274, 0.3111,
0.3303

■ 43.5126, 0.3092,
0.3317

104.9988, 0.3101,
0.3310

■ 30.2875, 0.3088,
0.3320

134.0458, 0.3103,
0.3308

■ 20.0569, 0.3082,
0.3325

168.0093, 0.3105,
0.3307

■ 12.4364, 0.3074,
0.3330

207.2736, 0.3107,
0.3306

■ 7.0416, 0.3063,
0.3339

252.2232, 0.3108,
0.3305

■ 3.4882, 0.3046,
0.3352

303.2424, 0.3109,

■ 1.3916, 0.3017,

0.3304

360.7157, 0.3110,
0.3303

0.3374

0.2105, 0.2515,
0.3755

0.0000, 0.0000,
0.0000

60.1166, 0.3096,
0.3314

60.1166, 0.3096,
0.3314

57.1766, 0.2991,
0.3402

63.4544, 0.3203,
0.3235

54.6115, 0.2891,
0.3499

67.1967, 0.3310,
0.3165

52.4077, 0.2799,
0.3605

70.2997, 0.3374,
0.3100

50.5479, 0.2717,
0.3720

70.6850, 0.3322,
0.3031

■ 49.0131, 0.2648,
0.3841

■ 71.0859, 0.3272,
0.2964

■ 47.7825, 0.2596,
0.3968

■ 71.5026, 0.3222,
0.2897

■ 46.8332, 0.2563,
0.4098

■ 71.9353, 0.3173,
0.2832

■ 46.1383, 0.2549,
0.4229

■ 72.1458, 0.3150,
0.2801

■ 45.6658, 0.2556,
0.4358

Harmonies

Analogous

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



60.1166, 0.3126, 0.3335



60.1166, 0.3096, 0.3314



60.1166, 0.3074, 0.3286

Triad

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



60.1166, 0.3096, 0.3314



60.1166, 0.3097, 0.3237



60.1166, 0.3189, 0.3320

Complementary

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



60.1166, 0.3096, 0.3314



58.0493, 0.3159, 0.3266

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.



60.1166, 0.3181, 0.3294



60.1166, 0.3096, 0.3314



60.1166, 0.3128, 0.3246

Square

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



60.1166, 0.3096, 0.3314



60.1166, 0.3075, 0.3242



60.1166, 0.3158, 0.3267



60.1166, 0.3180, 0.3339

Rectangle

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



60.1166, 0.3096, 0.3314



60.1166, 0.3067, 0.3268



60.1166, 0.3158, 0.3267



60.1166, 0.3188, 0.3312

Sweetspot

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



60.1192, 0.3096, 0.3314



99.4639, 0.3116, 0.3298



60.2219, 0.3140, 0.3361



21.2950, 0.3117, 0.3298



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.



60.1192, 0.3096, 0.3314



97.8954, 0.3084, 0.3323



59.7876, 0.3082, 0.3279



12.9639, 0.3077, 0.3329



28.2957, 0.2564, 0.4430



1.4736, 0.2494, 0.4180

Inverse Universe

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



58.0493, 0.3159, 0.3266



93.2376, 0.3172, 0.3257



58.3694, 0.3174, 0.3301



12.2495, 0.3180, 0.3251



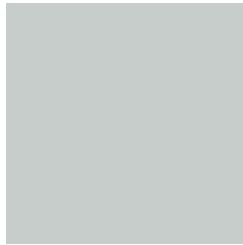
8.3684, 0.5597, 0.2857



0.4459, 0.5044, 0.2552

Previews

White Background



This preview shows how the Yxy color 60.1166, 0.3096, 0.3314 looks on a white background.

Color Contrast Check

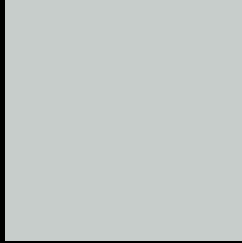
Large Text (above 18pt) WCAG AA × Fail

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 60.1166, 0.3096, 0.3314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

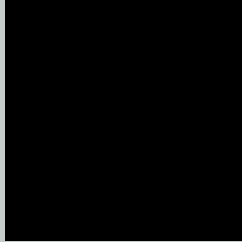
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

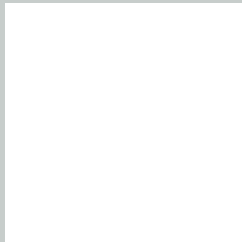
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.1166, 0.3096, 0.3314

Background



This preview shows how black text looks on a background with the Yxy color 60.1166, 0.3096, 0.3314.



This preview shows how white text looks on a background with the Yxy color 60.1166, 0.3096, 0.3314.

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

60.1166, 0.3096, 0.3314

Protanopia

60.2415, 0.3165, 0.3302

Deuteranopia

59.8699, 0.3267, 0.3200



Tritanopia

60.2439, 0.3001, 0.3105

Trichromacy



Original Color

60.1166, 0.3096, 0.3314

Protanomaly

60.2874, 0.3141, 0.3314

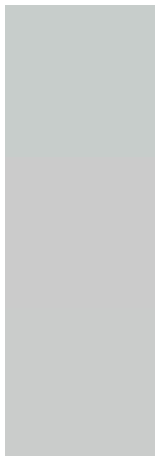
Deuteranomaly

59.9643, 0.3208, 0.3244

Tritanomaly

60.2692, 0.3034, 0.3185

Monochromacy



Original Color

60.1166, 0.3096, 0.3314

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.0541, 0.3119, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1166, 0.3096, 0.3314 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(199, 205, 203)` looks like.

```
.text, #text, p{  
    color:rgb(199, 205, 203)  
}
```

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(199, 205, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 205, 203) }
```

Border

The CSS property to change the border of an element to Yxy 60.1166, 0.3096, 0.3314 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(199, 205, 203) }
```

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

```
.border{ border-color:rgb(199, 205, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 205, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 205, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 205, 203); box-shadow:4px 4px 4px 4px rgb(199, 205, 203) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1166, 0.3096, 0.3314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 205, 203) }
```

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

```
.background{ background-color: rgb(199,  
205, 203) }
```

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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