

Converting Colors

$Yxy(60.9060, 0.3037, 0.3312)$

Have a look what the booklet for
Yxy(60.9060, 0.3037, 0.3312)
contains.

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Color

Yxy(61.0373, 0.3037, 0.3314)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C2D0CE |
| RGB | 194, 208, 206 |
| RGB Percent | 76%, 82%, 81% |
| CMY | 0.2393, 0.1842, 0.1923 |
| CMYK | 0.07, 0.00, 0.01, 0.18 |
| HSL | 171°, 13%, 79% |
| HSV | 171°, 7%, 82% |
| XYZ | 55.9355, 61.0373, 67.2073 |
| YIQ | 203.5860, -7.7020, -3.5900 |

Conversions

Conversions Part 2

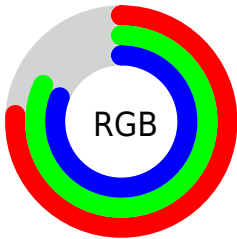
| Format | Color |
|-------------------------------------|---|
| RYB | 194, 202, 208 |
| Decimal | 12767438 |
| CIELab | 82.40, -5.13, -0.63 |
| CIElCh | 82, 5.166, 187.051 |
| Yxy | 61.0373, 0.3037, 0.3314 |
| Android (android.graphics.Color) | 4290957518 (0xFFC2D0CE) |
| YUV | 203.5860, 1.1901, -8.4069 |
| Hunter-Lab | 78.1264, -8.9219, 3.6849 |

Details

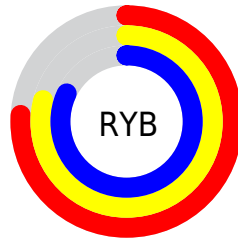
The Yxy color **61.0373, 0.3037, 0.3314** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.9681, 0.3225, 0.3266**, and the grayscale version is **60.1022, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **30.9536, 0.3009, 0.3321** is the 20% darker color. If you saturate the color by 10%, you get **58.3323, 0.2908, 0.3353**, and if you desaturate by 10%, it is **64.1355, 0.3171, 0.3279**.

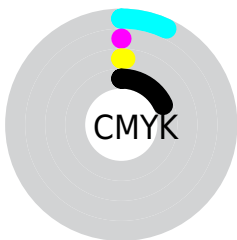
Distribution



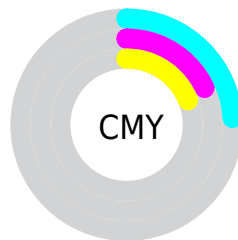
- Red (76%)
- Green (82%)
- Blue (81%)



- Red (76%)
- Yellow (79%)
- Blue (82%)



- Cyan (7%)
- Magenta (0%)
- Yellow (1%)
- Black (18%)



- Cyan (24%)
- Magenta (18%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.0373, 0.3037, 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 61.0373, 0.3037, 0.3314 by changing the saturation by 10% instead.

■ 61.0373, 0.3037,
0.3314

■ 61.0373, 0.3037,
0.3314

428.4108, 0.3080,
0.3303

■ 44.2553, 0.3027,
0.3317

■ 106.3329, 0.3052,
0.3310

■ 30.8712, 0.3014,
0.3320

135.6153, 0.3058,
0.3309

■ 20.5008, 0.2998,
0.3324

169.8333, 0.3063,
0.3307

■ 12.7596, 0.2975,
0.3330

209.3713, 0.3067,
0.3306

■ 7.2632, 0.2944,
0.3338

254.6136, 0.3071,
0.3305

■ 3.6273, 0.2897,
0.3350

305.9447, 0.3074,

■ 1.4673, 0.2817,

0.3304

0.3370

363.7490, 0.3077,
0.3303

0.2656, 0.1752,
0.3656

0.0000, 0.0000,
0.0000

61.0373, 0.3037,
0.3314

61.0373, 0.3037,
0.3314

58.3323, 0.2908,
0.3353

64.1355, 0.3171,
0.3279

55.9969, 0.2788,
0.3394


67.6343, 0.3308,
0.3248


54.0165, 0.2679,
0.3439


71.2888, 0.3435,
0.3219


52.3729, 0.2584,
0.3487


71.4459, 0.3413,
0.3189

 51.0460, 0.2505,
0.3536

 71.6059, 0.3390,
0.3158


 50.0136, 0.2445,
0.3587

 71.7688, 0.3368,
0.3128


 49.2506, 0.2403,
0.3639

 71.9346, 0.3346,
0.3098

 48.7279, 0.2381,
0.3690

 72.1034, 0.3324,
0.3068

 48.4072, 0.2377,
0.3741

 72.2751, 0.3302,
0.3038

Harmonies

Analogous

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



61.0373, 0.3094, 0.3368



61.0373, 0.3037, 0.3314



61.0373, 0.3004, 0.3254

Triad

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



61.0373, 0.3037, 0.3314



61.0373, 0.3092, 0.3183



61.0373, 0.3253, 0.3374

Complementary

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



61.0373, 0.3037, 0.3314



55.9681, 0.3225, 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.



61.0373, 0.3252, 0.3324



61.0373, 0.3037, 0.3314



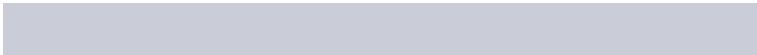
61.0373, 0.3159, 0.3215

Square

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



61.0373, 0.3037, 0.3314



61.0373, 0.3035, 0.3179



61.0373, 0.3218, 0.3266



61.0373, 0.3219, 0.3402

Rectangle

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



61.0373, 0.3037, 0.3314



61.0373, 0.3000, 0.3219



61.0373, 0.3218, 0.3266



61.0373, 0.3257, 0.3359

Sweetspot

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



61.0399, 0.3037, 0.3314



98.9978, 0.3100, 0.3297



60.7594, 0.3135, 0.3458



21.2001, 0.3101, 0.3297



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.



61.0399, 0.3037, 0.3314



96.1444, 0.3019, 0.3319



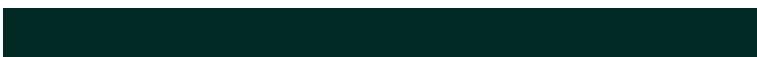
58.7791, 0.3024, 0.3231



13.3763, 0.3002, 0.3324



30.1240, 0.2375, 0.3750



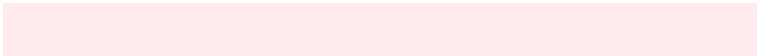
1.6926, 0.2349, 0.3657

Inverse Universe

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



55.9681, 0.3225, 0.3266



86.5956, 0.3246, 0.3261



58.1001, 0.3236, 0.3348



11.8359, 0.3268, 0.3256



8.4258, 0.6191, 0.3184



0.4803, 0.5750, 0.2941

Previews

White Background



This preview shows how the Yxy color 61.0373, 0.3037, 0.3314 looks on a white background.

Color Contrast Check

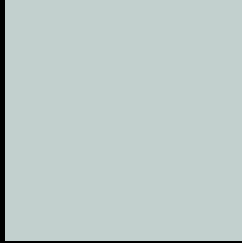
Large Text (above 18pt) WCAG AA × Fail

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 61.0373, 0.3037, 0.3314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

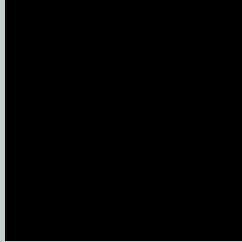
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

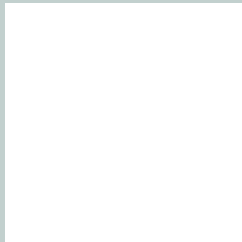
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.0373, 0.3037, 0.3314

Background



This preview shows how black text looks on a background with the Yxy color 61.0373, 0.3037, 0.3314.



This preview shows how white text looks on a background with the Yxy color 61.0373, 0.3037, 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

61.0373, 0.3037, 0.3314

Protanopia

61.1007, 0.3166, 0.3290

Deuteranopia

60.6302, 0.3251, 0.3179



Tritanopia

61.2869, 0.2952, 0.3104

Trichromacy



Original Color

61.0373, 0.3037, 0.3314

Protanomaly

60.9078, 0.3120, 0.3290

Deuteranomaly

60.7431, 0.3168, 0.3233

Tritanomaly

61.3193, 0.2985, 0.3184

Monochromacy



Original Color

61.0373, 0.3037, 0.3314

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.3498, 0.3089, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0373, 0.3037, 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(194, 208, 206)` looks like.

```
.text, #text, p{  
    color:rgb(194, 208, 206)  
}
```

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(194, 208, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 208, 206) }
```

Border

The CSS property to change the border of an element to Yxy 61.0373, 0.3037, 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(194, 208, 206) }
```

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

```
.border{ border-color:rgb(194, 208, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 208, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 208, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 208, 206);  
box-shadow:4px 4px 4px 4px rgb(194, 208,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0373, 0.3037, 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(194, 208, 206) }
```

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

```
.background{ background-color: rgb(194,  
208, 206) }
```

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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