

Converting Colors

Yxy(61.6927, 0.3065, 0.3383)

Have a look what the booklet for
Yxy(61.6927, 0.3065, 0.3383)
contains.

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Color

Yxy(61.8268, 0.3064, 0.3385)

Conversions

Conversions Part 1

Format	Color
Hex	C2D2CA
RGB	194, 210, 202
RGB Percent	76%, 82%, 79%
CMY	0.2390, 0.1765, 0.2079
CMYK	0.08, 0.00, 0.04, 0.18
HSL	150°, 15%, 79%
HSV	150°, 8%, 82%
XYZ	55.9638, 61.8268, 64.8588
YIQ	204.3040, -6.9680, -5.8800

Conversions

Conversions Part 2

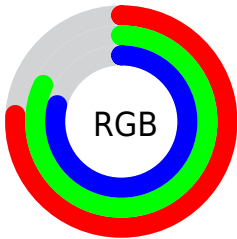
Format	Color
RYB	194, 205, 210
Decimal	12767946
CIELab	82.82, -6.88, 2.10
CIElCh	83, 7.191, 163.011
Yxy	61.8268, 0.3064, 0.3385
Android (android.graphics.Color)	4290958026 (0xFFC2D2CA)
YUV	204.3040, -1.1359, -9.0366
Hunter-Lab	78.6300, -10.5578, 6.1350

Details

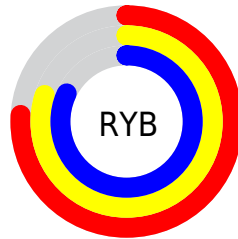
The Yxy color **61.8268, 0.3064, 0.3385** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.5715, 0.3195, 0.3197**, and the grayscale version is **60.6021, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **31.4905, 0.3044, 0.3417** is the 20% darker color. If you saturate the color by 10%, you get **58.7616, 0.2983, 0.3523**, and if you desaturate by 10%, it is **65.3239, 0.3147, 0.3262**.

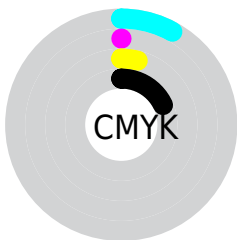
Distribution



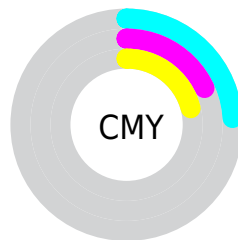
- Red (76%)
- Green (82%)
- Blue (79%)



- Red (76%)
- Yellow (80%)
- Blue (82%)



- Cyan (8%)
- Magenta (0%)
- Yellow (4%)
- Black (18%)



- Cyan (24%)
- Magenta (18%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.8268, 0.3064, 0.3385 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 61.8268, 0.3064, 0.3385 by changing the saturation by 10% instead.

■ 61.8268, 0.3064,
0.3385

■ 61.8268, 0.3064,
0.3385

431.2990, 0.3094,
0.3340

■ 44.8928, 0.3057,
0.3396

■ 107.4752, 0.3075,
0.3369

■ 31.3730, 0.3048,
0.3409

136.9583, 0.3079,
0.3363

■ 20.8830, 0.3036,
0.3427

171.3932, 0.3082,
0.3357

■ 13.0385, 0.3020,
0.3451

211.1644, 0.3085,
0.3353

■ 7.4551, 0.2998,
0.3485

256.6562, 0.3088,
0.3349

■ 3.7483, 0.2964,
0.3537

308.2529, 0.3090,

■ 1.5338, 0.2905,

0.3345

0.3626

366.3391, 0.3092,
0.3342

0.3123, 0.2033,
0.4923

0.0000, 0.0000,
0.0000

61.8268, 0.3064,
0.3385

61.8268, 0.3064,
0.3385

58.7616, 0.2983,
0.3523

65.3239, 0.3147,
0.3262

56.1035, 0.2905,
0.3676

69.2612, 0.3230,
0.3152


53.8367, 0.2835,
0.3843


73.2664, 0.3297,
0.3055

51.9418, 0.2774,
0.4023


73.8883, 0.3223,
0.2953

 50.3972, 0.2727,
0.4214


 74.5468, 0.3150,
0.2854

 49.1793, 0.2697,
0.4410

 74.5697, 0.3148,
0.2851

 48.2615, 0.2686,
0.4607

 47.6123, 0.2695,
0.4800

 47.1887, 0.2722,
0.4984

Harmonies

Analogous

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



61.8268, 0.3156, 0.3437



61.8268, 0.3064, 0.3385



61.8268, 0.2990, 0.3306

Triad

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



61.8268, 0.3064, 0.3385



61.8268, 0.3014, 0.3135



61.8268, 0.3305, 0.3352

Complementary

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



61.8268, 0.3064, 0.3385



56.5715, 0.3195, 0.3197

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.



61.8268, 0.3266, 0.3272



61.8268, 0.3064, 0.3385



61.8268, 0.3097, 0.3148

Square

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



61.8268, 0.3064, 0.3385



61.8268, 0.2961, 0.3162



61.8268, 0.3189, 0.3198



61.8268, 0.3296, 0.3417

Rectangle

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



61.8268, 0.3064, 0.3385



61.8268, 0.2960, 0.3251



61.8268, 0.3189, 0.3198



61.8268, 0.3297, 0.3326

Sweetspot

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



61.8294, 0.3064, 0.3385



98.8819, 0.3110, 0.3315



62.5833, 0.3180, 0.3478



21.1765, 0.3111, 0.3313



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.



61.8294, 0.3064, 0.3385



95.1850, 0.3052, 0.3405



62.2048, 0.3012, 0.3293



13.3032, 0.3049, 0.3409



28.7549, 0.2722, 0.5000



1.6238, 0.2629, 0.4663

Inverse Universe

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



56.5715, 0.3195, 0.3197



85.5062, 0.3210, 0.3178



56.2144, 0.3254, 0.3287



11.9057, 0.3213, 0.3174



9.0040, 0.4939, 0.2494



0.5195, 0.4537, 0.2273

Previews

White Background



This preview shows how the Yxy color 61.8268, 0.3064, 0.3385 looks on a white background.

Color Contrast Check

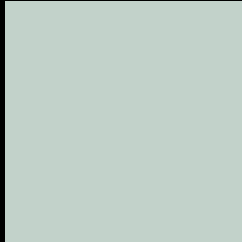
Large Text (above 18pt) WCAG AA × Fail

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 61.8268, 0.3064, 0.3385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

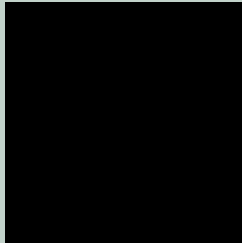
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

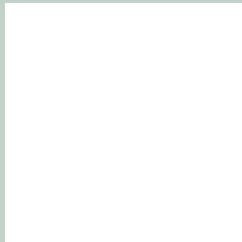
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.8268, 0.3064, 0.3385

Background



This preview shows how black text looks on a background with the Yxy color 61.8268, 0.3064, 0.3385.

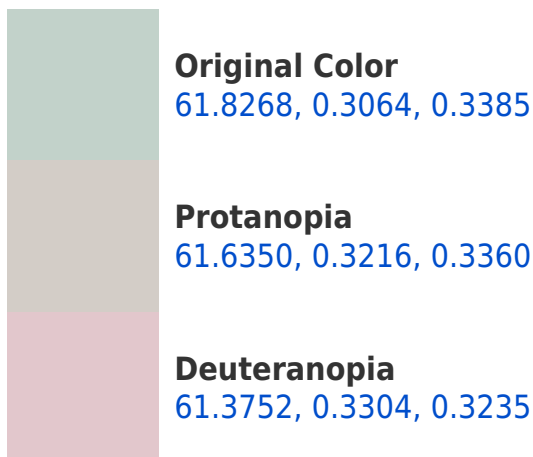


This preview shows how white text looks on a background with the Yxy color 61.8268, 0.3064, 0.3385.

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





Tritanopia

61.9591, 0.2953, 0.3105

Trichromacy



Original Color

61.8268, 0.3064, 0.3385

Protanomaly

61.7749, 0.3161, 0.3372

Deuteranomaly

61.3198, 0.3212, 0.3290

Tritanomaly

61.8884, 0.2998, 0.3208

Monochromacy



Original Color

61.8268, 0.3064, 0.3385

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.7338, 0.3103, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8268, 0.3064, 0.3385 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, 210, 202)` looks like.

```
.text, #text, p{  
    color:rgb(194, 210, 202)  
}
```

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, 210, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 210, 202) }
```

Border

The CSS property to change the border of an element to Yxy 61.8268, 0.3064, 0.3385 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, 210, 202) }
```

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

```
.border{ border-color:rgb(194, 210, 202) }
```

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

Here you see how a box with a 4 pixel rgb(194, 210, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 210, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 210, 202);  
box-shadow:4px 4px 4px 4px rgb(194, 210,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 61.8268, 0.3064, 0.3385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 210, 202) }
```

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

```
.background{ background-color: rgb(194,  
210, 202) }
```

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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