

Converting Colors

Yxy(64.2051, 0.3032, 0.3368)

Have a look what the booklet for
Yxy(64.2051, 0.3032, 0.3368)
contains.

Yxy(64.2002, 0.3037, 0.3372)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(64.2002, 0.3037, 0.3372)

Conversions

Conversions Part 1

Format	Color
Hex	C3D6CF
RGB	195, 214, 207
RGB Percent	76%, 84%, 81%
CMY	0.2351, 0.1608, 0.1883
CMYK	0.09, 0.00, 0.03, 0.16
HSL	158°, 19%, 80%
HSV	158°, 9%, 84%
XYZ	57.8221, 64.2002, 68.3698
YIQ	207.5210, -9.0770, -6.2050

Conversions

Conversions Part 2

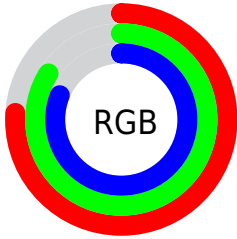
Format	Color
R _Y B	195, 207, 214
Decimal	12834511
CIE Lab	84.07, -7.67, 1.27
CIE LCh	84, 7.776, 170.594
Yxy	64.2002, 0.3037, 0.3372
Android (android.graphics.Color)	4291024591 (0xFFC3D6CF)
YUV	207.5210, -0.2569, -10.9809
Hunter-Lab	80.1250, -11.4046, 5.4960

Details

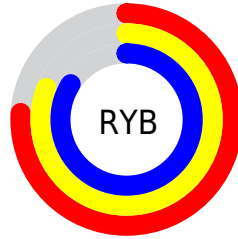
The Yxy color **64.2002, 0.3037, 0.3372** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.6120, 0.3227, 0.3209**, and the grayscale version is **62.7620, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **32.7589, 0.3009, 0.3384** is the 20% darker color. If you saturate the color by 10%, you get **61.1757, 0.2938, 0.3474**, and if you desaturate by 10%, it is **67.6581, 0.3139, 0.3280**.

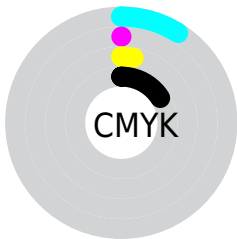
Distribution



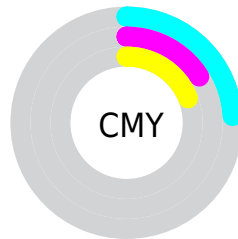
- Red (76%)
- Green (84%)
- Blue (81%)



- Red (76%)
- Yellow (81%)
- Blue (84%)



- Cyan (9%)
- Magenta (0%)
- Yellow (3%)
- Black (16%)



- Cyan (24%)
- Magenta (16%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.2002, 0.3037, 0.3372 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 64.2002, 0.3037, 0.3372 by changing the saturation by 10% instead.

■ 64.2002, 0.3037,
0.3372

■ 64.2002, 0.3037,
0.3372

439.9122, 0.3080,
0.3333

■ 46.8128, 0.3027,
0.3381

110.8992, 0.3052,
0.3358

■ 32.8877, 0.3014,
0.3393

140.9796, 0.3058,
0.3353

■ 22.0404, 0.2998,
0.3408

176.0599, 0.3063,
0.3348

■ 13.8866, 0.2977,
0.3427

216.5244, 0.3067,
0.3345

■ 8.0419, 0.2946,
0.3455

262.7574, 0.3071,
0.3341

■ 4.1217, 0.2901,
0.3497

315.1435, 0.3074,

■ 1.7419, 0.2825,

0.3338

0.3569

374.0670, 0.3077,
0.3335

0.4506, 0.2204,
0.4121

0.0000, 0.0000,
0.0000

64.2002, 0.3037,
0.3372

64.2002, 0.3037,
0.3372

61.1757, 0.2938,
0.3474

67.6581, 0.3139,
0.3280

58.5588, 0.2846,
0.3587

71.5576, 0.3242,
0.3198

56.3334, 0.2762,
0.3709

75.1036, 0.3313,
0.3123

54.4793, 0.2691,
0.3839


75.5599, 0.3258,
0.3046

 52.9742, 0.2634,
0.3976


 76.0366, 0.3203,
0.2970

 51.7934, 0.2595,
0.4118

 76.5340, 0.3150,
0.2896

 50.9090, 0.2577,
0.4262

 76.5702, 0.3146,
0.2891

 50.2881, 0.2578,
0.4405

 49.8787, 0.2598,
0.4545

Harmonies

Analogous

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



64.2002, 0.3132, 0.3437



64.2002, 0.3037, 0.3372



64.2002, 0.2966, 0.3285

Triad

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



64.2002, 0.3037, 0.3372



64.2002, 0.3026, 0.3124



64.2002, 0.3320, 0.3376

Complementary

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



64.2002, 0.3037, 0.3372



57.6120, 0.3227, 0.3209

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.



64.2002, 0.3290, 0.3292



64.2002, 0.3037, 0.3372



64.2002, 0.3120, 0.3149

Square

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



64.2002, 0.3037, 0.3372



64.2002, 0.2960, 0.3142



64.2002, 0.3217, 0.3210



64.2002, 0.3296, 0.3438

Rectangle

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



64.2002, 0.3037, 0.3372



64.2002, 0.2942, 0.3226



64.2002, 0.3217, 0.3210



64.2002, 0.3316, 0.3349

Sweetspot

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



64.2029, 0.3037, 0.3372



98.3971, 0.3096, 0.3317



64.6321, 0.3170, 0.3512



20.9715, 0.3088, 0.3325



0.0000, 0.0000, 0.0000



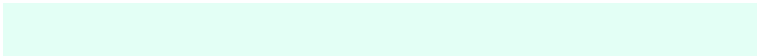
21.4041, 0.3127, 0.3290

Same Dimension

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



64.2029, 0.3037, 0.3372



94.4131, 0.3014, 0.3394



63.4416, 0.2991, 0.3264



14.0264, 0.3031, 0.3378



30.1459, 0.2595, 0.4541



1.8340, 0.2527, 0.4298

Inverse Universe

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



57.6120, 0.3227, 0.3209



82.3037, 0.3255, 0.3188



58.2861, 0.3278, 0.3316



12.4959, 0.3234, 0.3204



9.0014, 0.5487, 0.2796



0.5587, 0.5012, 0.2535

Previews

White Background



This preview shows how the Yxy color 64.2002, 0.3037, 0.3372 looks on a white background.

Color Contrast Check

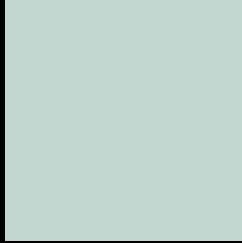
Large Text (above 18pt) WCAG AA × Fail

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 64.2002, 0.3037, 0.3372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

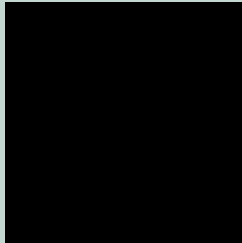
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

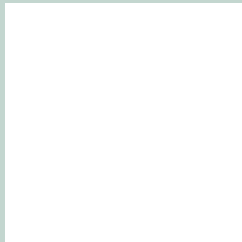
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.2002, 0.3037, 0.3372

Background



This preview shows how black text looks on a background with the Yxy color 64.2002, 0.3037, 0.3372.

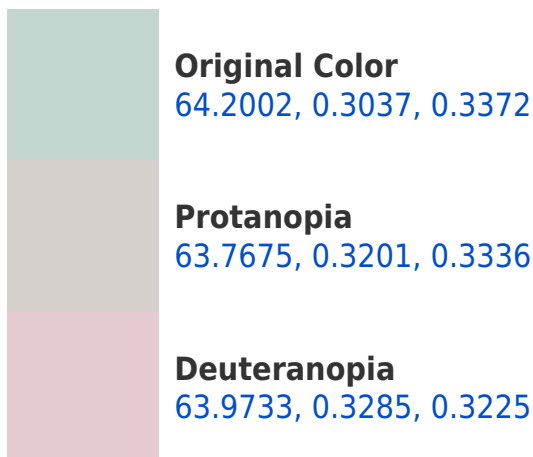


This preview shows how white text looks on a background with the Yxy color 64.2002, 0.3037, 0.3372.

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

64.3321, 0.2928, 0.3096

Trichromacy



Original Color

64.2002, 0.3037, 0.3372

Protanomaly

63.7664, 0.3139, 0.3348

Deuteranomaly

63.9314, 0.3196, 0.3279

Tritanomaly

64.2600, 0.2973, 0.3197

Monochromacy



Original Color

64.2002, 0.3037, 0.3372

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.3438, 0.3089, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.2002, 0.3037, 0.3372 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(195, 214, 207)` looks like.

```
.text, #text, p{  
    color:rgb(195, 214, 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(195, 214, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 214, 207) }
```

Border

The CSS property to change the border of an element to Yxy 64.2002, 0.3037, 0.3372 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(195, 214, 207) }
```

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

```
.border{ border-color:rgb(195, 214, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 214, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 214, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 214, 207);  
box-shadow:4px 4px 4px 4px rgb(195, 214,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 64.2002, 0.3037, 0.3372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 214, 207) }
```

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

```
.background{ background-color: rgb(195,  
214, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor