

Converting Colors

$Yxy(65.7107, 0.3069, 0.3390)$

Have a look what the booklet for
Yxy(65.7107, 0.3069, 0.3390)
contains.

Yxy(65.8961, 0.3072, 0.3394)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(65.8961, 0.3072, 0.3394)

Conversions

Conversions Part 1

Format	Color
Hex	C8D8CF
RGB	200, 216, 207
RGB Percent	78%, 85%, 81%
CMY	0.2156, 0.1530, 0.1882
CMYK	0.07, 0.00, 0.04, 0.15
HSL	146°, 17%, 82%
HSV	146°, 7%, 85%
XYZ	59.6443, 65.8961, 68.6143
YIQ	210.1900, -6.6470, -6.1910

Conversions

Conversions Part 2

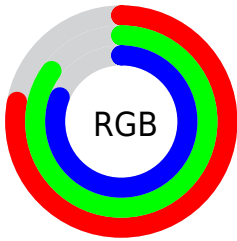
Format	Color
R _Y B	200, 211, 216
Decimal	13162703
CIE Lab	84.94, -7.03, 2.57
CIE LCh	85, 7.488, 159.903
Yxy	65.8961, 0.3072, 0.3394
Android (android.graphics.Color)	4291352783 (0xFFC8D8CF)
YUV	210.1900, -1.5727, -8.9366
Hunter-Lab	81.1764, -10.9060, 6.7087

Details

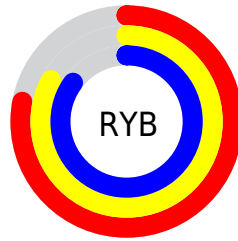
The Yxy color **65.8961, 0.3072, 0.3394** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.5245, 0.3186, 0.3188**, and the grayscale version is **64.5986, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.9006, 0.3055, 0.3413** is the 20% darker color. If you saturate the color by 10%, you get **62.5596, 0.2999, 0.3550**, and if you desaturate by 10%, it is **69.7041, 0.3147, 0.3255**.

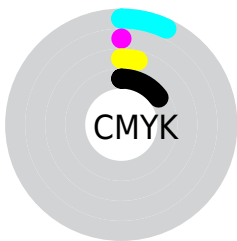
Distribution



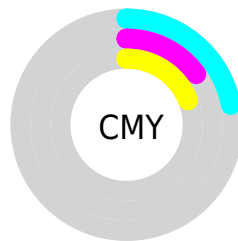
- Red (78%)
- Green (85%)
- Blue (81%)



- Red (78%)
- Yellow (83%)
- Blue (85%)



- Cyan (7%)
- Magenta (0%)
- Yellow (4%)
- Black (15%)



- Cyan (22%)
- Magenta (15%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.8961, 0.3072, 0.3394 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 65.8961, 0.3072, 0.3394 by changing the saturation by 10% instead.

■ 65.8961, 0.3072,
0.3394

■ 65.8961, 0.3072,
0.3394

446.0052, 0.3098,
0.3345

■ 48.1881, 0.3066,
0.3406

113.3372, 0.3081,
0.3377

■ 33.9758, 0.3058,
0.3420

143.8390, 0.3085,
0.3370

■ 22.8750, 0.3048,
0.3439

179.3743, 0.3088,
0.3364

■ 14.5013, 0.3035,
0.3464

220.3273, 0.3090,
0.3359

■ 8.4701, 0.3016,
0.3499

267.0825, 0.3093,
0.3355

■ 4.3972, 0.2988,
0.3552

320.0243, 0.3095,

■ 1.8981, 0.2941,

0.3351

0.3641

379.5371, 0.3097,
0.3348

0.5473, 0.2657,
0.4172

0.0000, 0.0000,
0.0000

65.8961, 0.3072,
0.3394

65.8961, 0.3072,
0.3394

62.5596, 0.2999,
0.3550

69.7041, 0.3147,
0.3255

59.6676, 0.2929,
0.3722

73.9928, 0.3221,
0.3133

57.2033, 0.2865,
0.3912

76.8695, 0.3223,
0.3019

55.1451, 0.2810,
0.4116

77.5899, 0.3145,
0.2910

■ 53.4699, 0.2768,
0.4331

■ 52.1521, 0.2742,
0.4552

■ 51.1625, 0.2735,
0.4772

■ 50.4674, 0.2747,
0.4984

■ 50.0213, 0.2777,
0.5181

Harmonies

Analogous

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



65.8961, 0.3166, 0.3444



65.8961, 0.3072, 0.3394



65.8961, 0.2994, 0.3316

Triad

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



65.8961, 0.3072, 0.3394



65.8961, 0.3004, 0.3133



65.8961, 0.3307, 0.3345

Complementary

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



65.8961, 0.3072, 0.3394



60.5245, 0.3186, 0.3188

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.



65.8961, 0.3262, 0.3263



65.8961, 0.3072, 0.3394



65.8961, 0.3087, 0.3142

Square

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



65.8961, 0.3072, 0.3394



65.8961, 0.2955, 0.3165



65.8961, 0.3181, 0.3190



65.8961, 0.3302, 0.3414

Rectangle

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



65.8961, 0.3072, 0.3394



65.8961, 0.2960, 0.3258



65.8961, 0.3181, 0.3190



65.8961, 0.3297, 0.3318

Sweetspot

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



65.8989, 0.3072, 0.3394



98.8621, 0.3112, 0.3318



66.8480, 0.3185, 0.3473



21.1725, 0.3113, 0.3316



0.0000, 0.0000, 0.0000



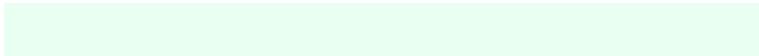
21.4041, 0.3127, 0.3290

Same Dimension

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



65.8989, 0.3072, 0.3394



95.1002, 0.3059, 0.3419



66.2961, 0.3020, 0.3302



13.9853, 0.3057, 0.3424



29.5734, 0.2778, 0.5202



1.8002, 0.2684, 0.4861

Inverse Universe

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



60.5245, 0.3186, 0.3188



85.5916, 0.3201, 0.3164



60.1418, 0.3245, 0.3278



12.5367, 0.3204, 0.3160



9.4879, 0.4685, 0.2354



0.5888, 0.4361, 0.2176

Previews

White Background



This preview shows how the Yxy color 65.8961, 0.3072, 0.3394 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 65.8961, 0.3072, 0.3394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

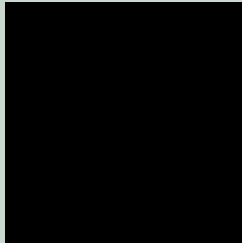
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

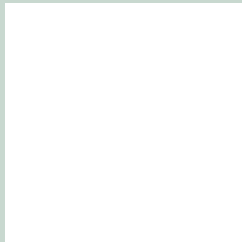
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.8961, 0.3072, 0.3394

Background



This preview shows how black text looks on a background with the Yxy color 65.8961, 0.3072, 0.3394.



This preview shows how white text looks on a background with the Yxy color 65.8961, 0.3072, 0.3394.

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

65.8961, 0.3072, 0.3394

Protanopia

65.6999, 0.3221, 0.3369

Deuteranopia

65.5897, 0.3314, 0.3247



Tritanopia

66.0830, 0.2957, 0.3110

Trichromacy



Original Color

65.8961, 0.3072, 0.3394

Protanomaly

65.8452, 0.3167, 0.3381

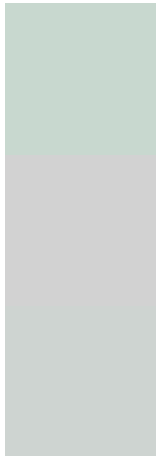
Deuteranomaly

65.5271, 0.3225, 0.3301

Tritanomaly

66.0101, 0.3002, 0.3210

Monochromacy



Original Color

65.8961, 0.3072, 0.3394

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.8122, 0.3103, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.8961, 0.3072, 0.3394 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(200, 216, 207)` looks like.

```
.text, #text, p{  
    color:rgb(200, 216, 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(200, 216, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 216, 207) }
```

Border

The CSS property to change the border of an element to Yxy 65.8961, 0.3072, 0.3394 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(200, 216, 207) }
```

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

```
.border{ border-color:rgb(200, 216, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 216, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 216, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 216, 207);  
box-shadow:4px 4px 4px 4px rgb(200, 216,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 65.8961, 0.3072, 0.3394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 216, 207) }
```

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

```
.background{ background-color: rgb(200,  
216, 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](#).

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