

Converting Colors

Yxy(64.9964, 0.3151, 0.3439)

Have a look what the booklet for
Yxy(64.9964, 0.3151, 0.3439)
contains.

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Color

Yxy(65.2893, 0.3149, 0.3441)

Conversions

Conversions Part 1

Format	Color
Hex	CDD6C9
RGB	205, 214, 201
RGB Percent	80%, 84%, 79%
CMY	0.1964, 0.1607, 0.2118
CMYK	0.04, 0.00, 0.06, 0.16
HSL	102°, 14%, 81%
HSV	102°, 6%, 84%
XYZ	59.7489, 65.2893, 64.7011
YIQ	209.8270, -1.1910, -5.9510

Conversions

Conversions Part 2

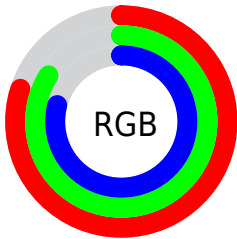
Format	Color
RYB	201, 214, 210
Decimal	13489865
CIELab	84.63, -5.44, 5.36
CIELCh	85, 7.639, 135.432
Yxy	65.2893, 0.3149, 0.3441
Android (android.graphics.Color)	4291679945 (0xFFCDD6C9)
YUV	209.8270, -4.3517, -4.2333
Hunter-Lab	80.8018, -9.4113, 9.0855

Details

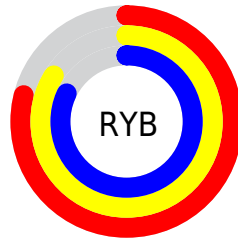
The Yxy color **65.2893, 0.3149, 0.3441** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.3373, 0.3104, 0.3141**, and the grayscale version is **64.3530, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.4822, 0.3157, 0.3474** is the 20% darker color. If you saturate the color by 10%, you get **62.3312, 0.3184, 0.3711**, and if you desaturate by 10%, it is **68.5961, 0.3113, 0.3199**.

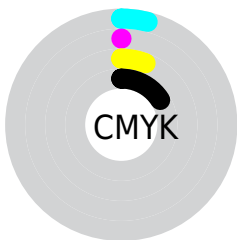
Distribution



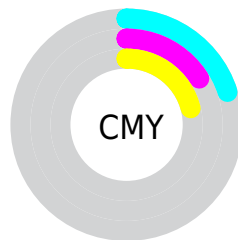
- Red (80%)
- Green (84%)
- Blue (79%)



- Red (79%)
- Yellow (84%)
- Blue (82%)



- Cyan (4%)
- Magenta (0%)
- Yellow (6%)
- Black (16%)



- Cyan (20%)
- Magenta (16%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.2893, 0.3149, 0.3441 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 65.2893, 0.3149, 0.3441 by changing the saturation by 10% instead.

■ 65.2893, 0.3149,
0.3441

■ 65.2893, 0.3149,
0.3441

443.8309, 0.3139,
0.3369

■ 47.6957, 0.3151,
0.3458

112.4657, 0.3146,
0.3416

■ 33.5860, 0.3154,
0.3479

142.8173, 0.3144,
0.3406

■ 22.5757, 0.3157,
0.3507

178.1903, 0.3143,
0.3398

■ 14.2805, 0.3162,
0.3543

218.9691, 0.3142,
0.3390

■ 8.3160, 0.3168,
0.3595

265.5382, 0.3141,
0.3384

■ 4.2978, 0.3176,
0.3674

318.2819, 0.3140,

■ 1.8415, 0.3188,

0.3378

377.5847, 0.3140,
0.3374

0.3806

0.5129, 0.3374,
0.4879

0.0000, 0.0000,
0.0000

65.2893, 0.3149,
0.3441

65.2893, 0.3149,
0.3441

62.3312, 0.3184,
0.3711

68.5961, 0.3113,
0.3199

59.7020, 0.3216,
0.4005

72.2542, 0.3077,
0.2983

57.3924, 0.3242,
0.4320

75.6025, 0.3109,
0.2886

55.3896, 0.3260,
0.4645

76.5872, 0.3146,
0.2891

■ 53.6798, 0.3268,
0.4967

■ 52.2481, 0.3261,
0.5266

■ 51.0781, 0.3239,
0.5524

■ 50.1513, 0.3203,
0.5723

■ 49.4461, 0.3156,
0.5853

Harmonies

Analogous

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



65.2893, 0.3239, 0.3456



65.2893, 0.3149, 0.3441



65.2893, 0.3054, 0.3383

Triad

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



65.2893, 0.3149, 0.3441



65.2893, 0.2957, 0.3153



65.2893, 0.3277, 0.3278

Complementary

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



65.2893, 0.3149, 0.3441



60.3373, 0.3104, 0.3141

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.



65.2893, 0.3199, 0.3200



65.2893, 0.3149, 0.3441



65.2893, 0.3015, 0.3128

Square

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



65.2893, 0.3149, 0.3441



65.2893, 0.2944, 0.3215



65.2893, 0.3103, 0.3145



65.2893, 0.3314, 0.3361

Rectangle

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



65.2893, 0.3149, 0.3441



65.2893, 0.3001, 0.3329



65.2893, 0.3103, 0.3145



65.2893, 0.3255, 0.3250

Sweetspot

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



65.2921, 0.3149, 0.3441



99.0070, 0.3134, 0.3339



64.5593, 0.3221, 0.3392



21.2020, 0.3134, 0.3337



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.



65.2921, 0.3149, 0.3441



96.6166, 0.3152, 0.3466



64.8524, 0.3104, 0.3414



14.2018, 0.3154, 0.3478



29.7891, 0.3147, 0.5884



1.8396, 0.3279, 0.5778

Inverse Universe

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



60.3373, 0.3104, 0.3141



88.1268, 0.3100, 0.3116



60.8018, 0.3151, 0.3169



12.8727, 0.3098, 0.3105



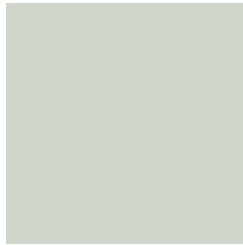
6.8731, 0.2462, 0.1130



0.4568, 0.2595, 0.1203

Previews

White Background



This preview shows how the Yxy color 65.2893, 0.3149, 0.3441 looks on a white background.

Color Contrast Check

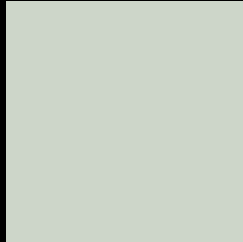
Large Text (above 18pt) WCAG AA × Fail

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 65.2893, 0.3149, 0.3441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

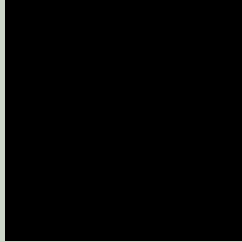
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

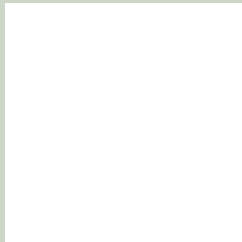
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.2893, 0.3149, 0.3441

Background



This preview shows how black text looks on a background with the Yxy color 65.2893, 0.3149, 0.3441.



This preview shows how white text looks on a background with the Yxy color 65.2893, 0.3149, 0.3441.

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

65.2893, 0.3149, 0.3441

Protanopia

65.1221, 0.3265, 0.3415

Deuteranopia

64.9900, 0.3368, 0.3302



Tritanopia

65.1945, 0.3005, 0.3100

Trichromacy



Original Color

65.2893, 0.3149, 0.3441

Protanomaly

64.9048, 0.3219, 0.3416

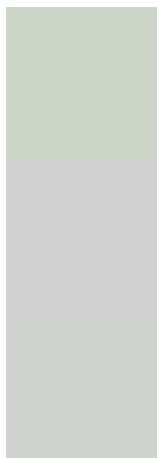
Deuteranomaly

65.0640, 0.3284, 0.3357

Tritanomaly

65.0604, 0.3058, 0.3211

Monochromacy



Original Color

65.2893, 0.3149, 0.3441

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.5034, 0.3132, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.2893, 0.3149, 0.3441 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(205, 214, 201)` looks like.

```
.text, #text, p{  
    color:rgb(205, 214, 201)  
}
```

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(205, 214, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 214, 201) }
```

Border

The CSS property to change the border of an element to Yxy 65.2893, 0.3149, 0.3441 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(205, 214, 201) }
```

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

```
.border{ border-color:rgb(205, 214, 201) }
```

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

Here you see how a box with a 4 pixel rgb(205, 214, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 214, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 214, 201);  
box-shadow:4px 4px 4px 4px rgb(205, 214,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 65.2893, 0.3149, 0.3441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 214, 201) }
```

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

```
.background{ background-color: rgb(205,  
214, 201) }
```

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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