Converting Colors

Yxy(63.1684, 0.3183, 0.3490)

Have a look what the booklet for Yxy(63.1684, 0.3183, 0.3490) contains.

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Color

Yxy(63.1801, 0.3185, 0.3490)

Conversions

Conversions Part 1

Format	Color
Hex	CBD3C2
RGB	203, 211, 194
RGB Percent	80%, 83%, 76%
CMY	0.2039, 0.1725, 0.2392
CMYK	0.04, 0.00, 0.08, 0.17
HSL	88°, 16%, 79%
HSV	88°, 8%, 83%
XYZ	57.6586, 63.1801, 60.1931
YIQ	206.6700, 0.6890, -6.9830

Conversions

Conversions Part 2

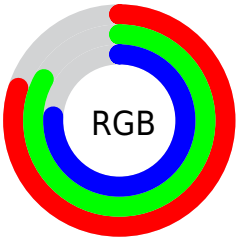
Format	Color
RYB	194, 211, 202
Decimal	13358018
CIELab	83.54, -5.77, 7.47
CIELCh	84, 9.443, 127.699
Yxy	63.1801, 0.3185, 0.3490
Android (android.graphics.Color)	4291548098 (0xFFCBD3C2)
YUV	206.6700, -6.2463, -3.2186
Hunter-Lab	79.4859, -9.6175, 10.7410

Details

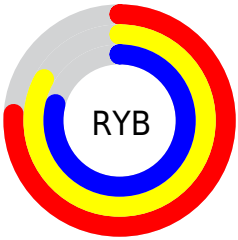
The Yxy color 63.1801, 0.3185, 0.3490 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 55.8447, 0.3066, 0.3090, and the grayscale version is 62.2148, 0.3127, 0.3290.

A 20% lighter version of the original color is 99.6821, 0.3156, 0.3338, and 32.3970, 0.3203, 0.3556 is the 20% darker color. If you saturate the color by 10%, you get 60.9497, 0.3256, 0.3757, and if you desaturate by 10%, it is 65.6401, 0.3113, 0.3244.

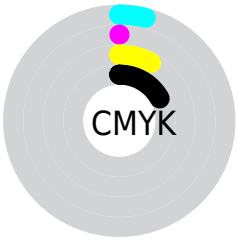
Distribution



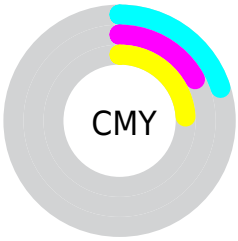
- Red (80%)
- Green (83%)
- Blue (76%)



- Red (76%)
- Yellow (83%)
- Blue (79%)



- Cyan (4%)
- Magenta (0%)
- Yellow (8%)
- Black (17%)



- Cyan (20%)
- Magenta (17%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.1801, 0.3185, 0.3490 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 63.1801, 0.3185, 0.3490 by changing the saturation by 10% instead.

63.1801, 0.3185, 0.3490

436.2228, 0.3158, 0.3394

109.4293, 0.3176, 0.3456

139.2541, 0.3172, 0.3443

174.0583, 0.3169, 0.3432

214.2261, 0.3166, 0.3422

260.1421, 0.3164, 0.3414

312.1906, 0.3162,

63.1801, 0.3185, 0.3490

45.9869, 0.3191, 0.3513

32.2355, 0.3199, 0.3542

21.5414, 0.3209, 0.3579

13.5204, 0.3221, 0.3629

7.7878, 0.3239, 0.3700

3.9595, 0.3264, 0.3808

1.6509, 0.3303,

0.3406

0.3995

370.7561, 0.3160, 0.3400

0.3916, 0.3713, 0.6287

0.0000, 0.0000, 0.0000

63.1801, 0.3185, 0.3490

63.1801, 0.3185, 0.3490

60.9497, 0.3256, 0.3757

65.6401, 0.3113, 0.3244

58.9333, 0.3325, 0.4040

68.3285, 0.3043, 0.3020

57.1261, 0.3387, 0.4334

71.1055, 0.2991, 0.2840

55.5197, 0.3438, 0.4629

72.8245, 0.3061, 0.2849

54.1050, 0.3475, 0.4912

52.8725, 0.3491, 0.5170

51.8110, 0.3486, 0.5386

50.9081, 0.3458, 0.5551

50.1463, 0.3410, 0.5663

74.6392, 0.3131, 0.2859

75.0723, 0.3147, 0.2861

Harmonies

Analogous

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

63.1801, 0.3291, 0.3494

63.1801, 0.3185, 0.3490

63.1801, 0.3065, 0.3430

Triad

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

63.1801, 0.3185, 0.3490

63.1801, 0.2905, 0.3134

63.1801, 0.3293, 0.3248

Complementary

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

63.1801, 0.3185, 0.3490

55.8447, 0.3066, 0.3090

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.

63.1801, 0.3187, 0.3156

63.1801, 0.3185, 0.3490

63.1801, 0.2963, 0.3090

Square

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

63.1801, 0.3185, 0.3490

63.1801, 0.2905, 0.3221

63.1801, 0.3066, 0.3099

63.1801, 0.3355, 0.3352

Rectangle

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

63.1801, 0.3185, 0.3490

63.1801, 0.2993, 0.3366

63.1801, 0.3066, 0.3099

63.1801, 0.3262, 0.3215

Sweetspot

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

63.1828, 0.3185, 0.3490

99.2230, 0.3142, 0.3339

59.9560, 0.3256, 0.3383

21.2460, 0.3141, 0.3336

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.

63.1828, 0.3185, 0.3490

96.2572, 0.3200, 0.3543

62.0315, 0.3122, 0.3494

13.5095, 0.3195, 0.3525

30.2402, 0.3411, 0.5674

1.7379, 0.3547, 0.5565

Inverse Universe

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

55.8447, 0.3066, 0.3090

82.3272, 0.3049, 0.3036

57.0528, 0.3132, 0.3094

11.6868, 0.3055, 0.3055

4.5134, 0.1975, 0.0862

0.2994, 0.2181, 0.0975

Previews

White Background

This preview shows how the Yxy color 63.1801, 0.3185, 0.3490 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 63.1801, 0.3185, 0.3490 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 63.1801, 0.3185, 0.3490

Background

This preview shows how black text looks on a background with the Yxy color 63.1801, 0.3185, 0.3490.

This preview shows how white text looks on a background with the Yxy color 63.1801, 0.3185, 0.3490.

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
63.1801, 0.3185, 0.3490

Protanopia
62.8785, 0.3296, 0.3463

Deuteranopia
63.0824, 0.3419, 0.3346

Tritanopia
63.2188, 0.3017, 0.3109

Trichromacy

Original Color
63.1801, 0.3185, 0.3490

Protanomaly
62.8109, 0.3256, 0.3464

Deuteranomaly
63.1324, 0.3332, 0.3403

Tritanomaly
62.9870, 0.3085, 0.3244

Monochromacy

Original Color
63.1801, 0.3185, 0.3490

Achromatopsia
62.3960, 0.3127, 0.3290

Achromatomaly
62.4978, 0.3154, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.1801, 0.3185, 0.3490 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(203, 211, 194) looks like.

```
.text, #text, p{
    color:rgb(203, 211, 194)
}
```

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(203, 211, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 211, 194) }
```

Border

The CSS property to change the border of an element to Yxy 63.1801, 0.3185, 0.3490 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(203, 211, 194) }
```

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

```
.border{ border-color:rgb(203, 211, 194) }
```

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

Here you see how a box with a 4 pixel rgb(203, 211, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 211, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 211, 194); box-shadow:4px 4px 4px 4px rgb(203, 211, 194) }
```

Background

The CSS property to change the background color of an element to Yxy 63.1801, 0.3185, 0.3490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(203, 211, 194) }
```

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

```
.background{ background-color:rgb(203, 211, 194) }
```

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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