

Converting Colors

Yxy(63.8928, 0.3110, 0.3551)

Have a look what the booklet for
Yxy(63.8928, 0.3110, 0.3551)
contains.

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Color

Yxy(63.7886, 0.3115, 0.3553)

Conversions

Conversions Part 1

Format	Color
Hex	C1D7C1
RGB	193, 215, 193
RGB Percent	76%, 84%, 76%
CMY	0.2430, 0.1569, 0.2431
CMYK	0.10, 0.00, 0.10, 0.16
HSL	120°, 22%, 80%
HSV	120°, 10%, 84%
XYZ	55.9250, 63.7886, 59.8209
YIQ	205.9140, -6.0500, -11.5060

Conversions

Conversions Part 2

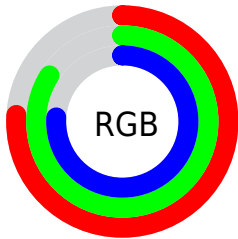
Format	Color
RYB	193, 215, 215
Decimal	12703681
CIELab	83.86, -11.43, 8.36
CIELCh	84, 14.163, 143.826
Yxy	63.7886, 0.3115, 0.3553
Android (android.graphics.Color)	4290893761 (0xFFC1D7C1)
YUV	205.9140, -6.3666, -11.3256
Hunter-Lab	79.8678, -14.7794, 11.4993

Details

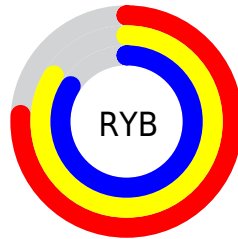
The Yxy color **63.7886, 0.3115, 0.3553** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.4925, 0.3139, 0.3040**, and the grayscale version is **61.7129, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6835, 0.3131, 0.3348**, and **32.4947, 0.3111, 0.3627** is the 20% darker color. If you saturate the color by 10%, you get **60.2793, 0.3101, 0.3846**, and if you desaturate by 10%, it is **67.8527, 0.3127, 0.3295**.

Distribution



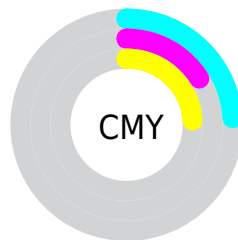
- Red (76%)
- Green (84%)
- Blue (76%)



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



- Cyan (10%)
- Magenta (0%)
- Yellow (10%)
- Black (16%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.7886, 0.3115, 0.3553 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 63.7886, 0.3115, 0.3553 by changing the saturation by 10% instead.


 63.7886, 0.3115,
0.3553

 63.7886, 0.3115,
0.3553


438.4258, 0.3122,
0.3426

 46.4795, 0.3113,
0.3583


 110.3064, 0.3118,
0.3508

 32.6243, 0.3111,
0.3622


140.2839, 0.3119,
0.3491

 21.8388, 0.3107,
0.3671


175.2530, 0.3119,
0.3476

 13.7385, 0.3102,
0.3739

215.5980, 0.3120,
0.3463

 7.9390, 0.3093,
0.3835

261.7035, 0.3121,
0.3452

 4.0560, 0.3079,
0.3983

313.9536, 0.3121,

 1.7049, 0.3048,

0.3443

0.4239

372.7330, 0.3122,
0.3434

0.4268, 0.2288,
0.7712

0.0000, 0.0000,
0.0000

63.7886, 0.3115,
0.3553

63.7886, 0.3115,
0.3553

60.2793, 0.3101,
0.3846

67.8527, 0.3127,
0.3295

57.2930, 0.3086,
0.4171

72.4856, 0.3137,
0.3072

54.8072, 0.3070,
0.4520

77.0789, 0.3145,
0.2900

52.7945, 0.3053,
0.4880

■ 51.2250, 0.3037,
0.5226

■ 50.0652, 0.3023,
0.5533

■ 49.2770, 0.3011,
0.5771

■ 48.8150, 0.3004,
0.5925

■ 48.6005, 0.3000,
0.6000

Harmonies

Analogous

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



63.7886, 0.3291, 0.3605



63.7886, 0.3115, 0.3553



63.7886, 0.2946, 0.3424

Triad

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



63.7886, 0.3115, 0.3553



63.7886, 0.2834, 0.3013



63.7886, 0.3437, 0.3308

Complementary

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



63.7886, 0.3115, 0.3553



57.4925, 0.3139, 0.3040

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.



63.7886, 0.3308, 0.3160



63.7886, 0.3115, 0.3553



63.7886, 0.2959, 0.2992

Square

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



63.7886, 0.3115, 0.3553



63.7886, 0.2786, 0.3109



63.7886, 0.3132, 0.3046



63.7886, 0.3481, 0.3457

Rectangle

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



63.7886, 0.3115, 0.3553



63.7886, 0.2858, 0.3315



63.7886, 0.3132, 0.3046



63.7886, 0.3402, 0.3257

Sweetspot

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



63.7913, 0.3115, 0.3553



98.0964, 0.3124, 0.3364



66.7096, 0.3279, 0.3536



20.8906, 0.3123, 0.3384



0.0000, 0.0000, 0.0000



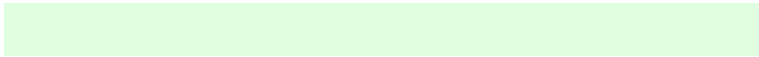
21.4041, 0.3127, 0.3290

Same Dimension

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



63.7913, 0.3115, 0.3553



92.8403, 0.3113, 0.3606



64.2796, 0.3044, 0.3424



13.8966, 0.3116, 0.3531



29.0704, 0.3000, 0.6000



1.7536, 0.3001, 0.5999

Inverse Universe

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



57.4925, 0.3139, 0.3040



82.0001, 0.3141, 0.2993



56.9675, 0.3219, 0.3160



12.6320, 0.3138, 0.3060



11.5543, 0.3206, 0.1540



0.6971, 0.3207, 0.1540

Previews

White Background



This preview shows how the Yxy color 63.7886, 0.3115, 0.3553 looks on a white background.

Color Contrast Check

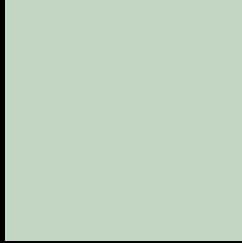
Large Text (above 18pt) WCAG AA × Fail

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 63.7886, 0.3115, 0.3553 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

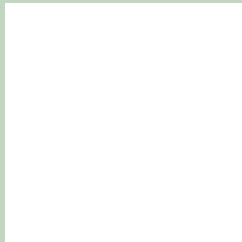
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.7886, 0.3115, 0.3553

Background



This preview shows how black text looks on a background with the Yxy color 63.7886, 0.3115, 0.3553.



This preview shows how white text looks on a background with the Yxy color 63.7886, 0.3115, 0.3553.

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

63.7886, 0.3115, 0.3553

Protanopia

63.5376, 0.3332, 0.3508

Deuteranopia

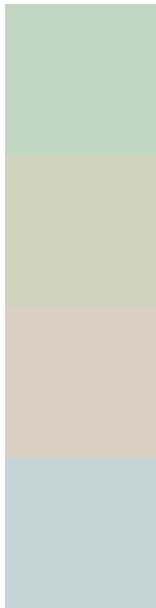
63.7190, 0.3425, 0.3357



Tritanopia

63.6450, 0.2928, 0.3095

Trichromacy



Original Color

63.7886, 0.3115, 0.3553

Protanomaly

63.7161, 0.3251, 0.3535

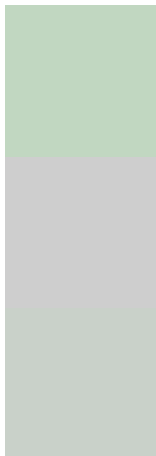
Deuteranomaly

63.6258, 0.3306, 0.3427

Tritanomaly

63.7290, 0.2991, 0.3255

Monochromacy



Original Color

63.7886, 0.3115, 0.3553

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.2355, 0.3123, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.7886, 0.3115, 0.3553 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(193, 215, 193)` looks like.

```
.text, #text, p{  
    color:rgb(193, 215, 193)  
}
```

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(193, 215, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 215, 193) }
```

Border

The CSS property to change the border of an element to Yxy 63.7886, 0.3115, 0.3553 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(193, 215, 193) }
```

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

```
.border{ border-color:rgb(193, 215, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 215, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 215, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 215, 193); box-shadow:4px 4px 4px 4px rgb(193, 215, 193) }
```


Background

The CSS property to change the background color of an element to Yxy 63.7886, 0.3115, 0.3553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 215, 193) }
```

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

```
.background{ background-color: rgb(193,  
215, 193) }
```

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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