

Converting Colors

$Yxy(63.1003, 0.3115, 0.3535)$

Have a look what the booklet for
Yxy(63.1003, 0.3115, 0.3535)
contains.

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Color

Yxy(63.2808, 0.3115, 0.3542)

Conversions

Conversions Part 1

Format	Color
Hex	C1D6C1
RGB	193, 214, 193
RGB Percent	76%, 84%, 76%
CMY	0.2434, 0.1607, 0.2432
CMYK	0.10, 0.00, 0.10, 0.16
HSL	120°, 20%, 80%
HSV	120°, 10%, 84%
XYZ	55.6521, 63.2808, 59.7255
YIQ	205.3270, -5.7750, -10.9830

Conversions

Conversions Part 2

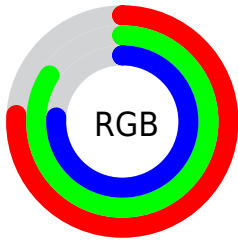
Format	Color
RYB	193, 214, 214
Decimal	12703425
CIELab	83.59, -10.97, 7.99
CIElCh	84, 13.571, 143.937
Yxy	63.2808, 0.3115, 0.3542
Android (android.graphics.Color)	4290893505 (0xFFC1D6C1)
YUV	205.3270, -6.0772, -10.8108
Hunter-Lab	79.5492, -14.3338, 11.1696

Details

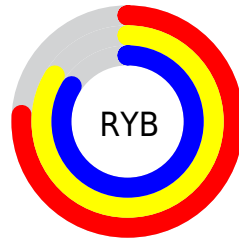
The Yxy color **63.2808, 0.3115, 0.3542** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.2674, 0.3139, 0.3050**, and the grayscale version is **61.3067, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6835, 0.3131, 0.3348**, and **32.1493, 0.3112, 0.3611** is the 20% darker color. If you saturate the color by 10%, you get **59.7871, 0.3101, 0.3833**, and if you desaturate by 10%, it is **67.3245, 0.3127, 0.3286**.

Distribution



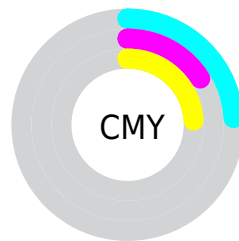
- Red (76%)
- Green (84%)
- Blue (76%)



- 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 63.2808, 0.3115, 0.3542 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 63.2808, 0.3115, 0.3542 by changing the saturation by 10% instead.


 63.2808, 0.3115,
0.3542

 63.2808, 0.3115,
0.3542


436.5879, 0.3122,
0.3420

 46.0684, 0.3113,
0.3571


 109.5745, 0.3118,
0.3499

 32.2998, 0.3111,
0.3608

139.4246, 0.3119,
0.3482

 21.5906, 0.3107,
0.3656


174.2561, 0.3119,
0.3468

 13.5564, 0.3102,
0.3720

214.4534, 0.3120,
0.3456

 7.8128, 0.3094,
0.3813

260.4008, 0.3121,
0.3445

 3.9754, 0.3080,
0.3955

312.4827, 0.3121,

 1.6598, 0.3051,

0.3436

0.4204

371.0836, 0.3121,
0.3428

0.3974, 0.2167,
0.7833

0.0000, 0.0000,
0.0000

63.2808, 0.3115,
0.3542

63.2808, 0.3115,
0.3542

59.7871, 0.3101,
0.3833

67.3245, 0.3127,
0.3286

56.8120, 0.3086,
0.4156

71.9320, 0.3138,
0.3065

54.3333, 0.3069,
0.4504

76.5839, 0.3146,
0.2891

52.3240, 0.3052,
0.4863

■ 50.7544, 0.3036,
0.5210

■ 49.5918, 0.3021,
0.5519

■ 48.7984, 0.3010,
0.5761

■ 48.3299, 0.3003,
0.5919

■ 48.1078, 0.3000,
0.5998

Harmonies

Analogous

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



63.2808, 0.3285, 0.3592



63.2808, 0.3115, 0.3542



63.2808, 0.2952, 0.3418

Triad

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



63.2808, 0.3115, 0.3542



63.2808, 0.2845, 0.3024



63.2808, 0.3425, 0.3308

Complementary

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



63.2808, 0.3115, 0.3542



57.2674, 0.3139, 0.3050

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.



63.2808, 0.3301, 0.3165



63.2808, 0.3115, 0.3542



63.2808, 0.2966, 0.3003

Square

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



63.2808, 0.3115, 0.3542



63.2808, 0.2799, 0.3116



63.2808, 0.3132, 0.3055



63.2808, 0.3467, 0.3451

Rectangle

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



63.2808, 0.3115, 0.3542



63.2808, 0.2868, 0.3314



63.2808, 0.3132, 0.3055



63.2808, 0.3391, 0.3259

Sweetspot

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



63.2835, 0.3115, 0.3542



98.0959, 0.3124, 0.3364



66.2510, 0.3273, 0.3531



20.8904, 0.3123, 0.3384



0.0000, 0.0000, 0.0000



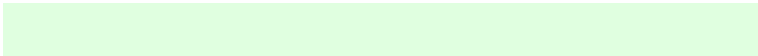
21.4041, 0.3127, 0.3290

Same Dimension

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



63.2835, 0.3115, 0.3542



92.8385, 0.3112, 0.3605



63.7686, 0.3045, 0.3415



13.8964, 0.3116, 0.3530



29.0700, 0.3000, 0.5998



1.7535, 0.2998, 0.5994

Inverse Universe

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



57.2674, 0.3139, 0.3050



82.0022, 0.3142, 0.2994



56.7484, 0.3218, 0.3169



12.6322, 0.3138, 0.3061



11.5614, 0.3215, 0.1545



0.6975, 0.3214, 0.1544

Previews

White Background



This preview shows how the Yxy color 63.2808, 0.3115, 0.3542 looks on a white background.

Color Contrast Check

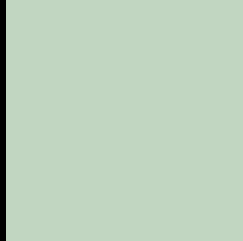
Large Text (above 18pt) WCAG AA × Fail

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 63.2808, 0.3115, 0.3542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

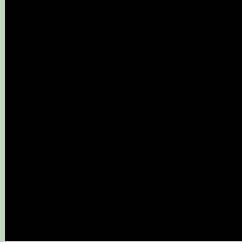
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

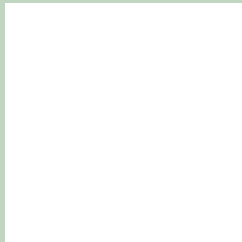
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.2808, 0.3115, 0.3542

Background



This preview shows how black text looks on a background with the Yxy color 63.2808, 0.3115, 0.3542.

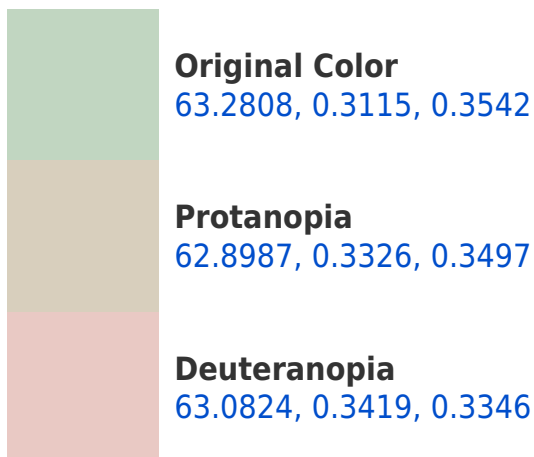


This preview shows how white text looks on a background with the Yxy color 63.2808, 0.3115, 0.3542.

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

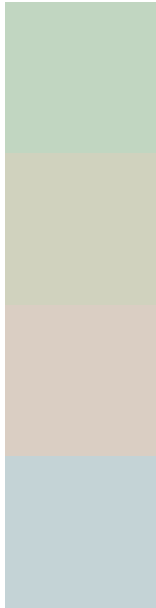




Tritanopia

63.0977, 0.2934, 0.3095

Trichromacy



Original Color

63.2808, 0.3115, 0.3542

Protanomaly

63.2208, 0.3252, 0.3524

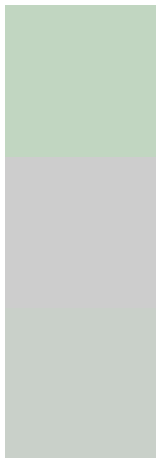
Deuteranomaly

62.9882, 0.3299, 0.3416

Tritanomaly

63.1793, 0.2998, 0.3255

Monochromacy



Original Color

63.2808, 0.3115, 0.3542

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.7463, 0.3123, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.2808, 0.3115, 0.3542 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, 214, 193)` looks like.

```
.text, #text, p{  
    color:rgb(193, 214, 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, 214, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 214, 193) }
```

Border

The CSS property to change the border of an element to Yxy 63.2808, 0.3115, 0.3542 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, 214, 193) }
```

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

```
.border{ border-color:rgb(193, 214, 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, 214, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 214, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 214, 193);  
box-shadow:4px 4px 4px 4px rgb(193, 214,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 63.2808, 0.3115, 0.3542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 214, 193) }
```

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

```
.background{ background-color: rgb(193,  
214, 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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