

Converting Colors

Yxy(63.4688, 0.3119, 0.3454)

Have a look what the booklet for
Yxy(63.4688, 0.3119, 0.3454)
contains.

Yxy(63.2163, 0.3113, 0.3444)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(63.2163, 0.3113, 0.3444)

Conversions

Conversions Part 1

Format	Color
Hex	C6D4C7
RGB	198, 212, 199
RGB Percent	78%, 83%, 78%
CMY	0.2235, 0.1686, 0.2198
CMYK	0.07, 0.00, 0.06, 0.17
HSL	124°, 14%, 80%
HSV	124°, 7%, 83%
XYZ	57.1406, 63.2163, 63.1979
YIQ	206.3320, -4.1710, -7.0110

Conversions

Conversions Part 2

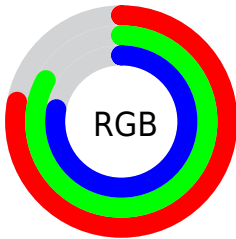
Format	Color
RYB	198, 211, 212
Decimal	13030599
CIELab	83.56, -7.13, 4.82
CIElCh	84, 8.603, 145.948
Yxy	63.2163, 0.3113, 0.3444
Android (android.graphics.Color)	4291220679 (0xFFC6D4C7)
YUV	206.3320, -3.6147, -7.3072
Hunter-Lab	79.5087, -10.8573, 8.5291

Details

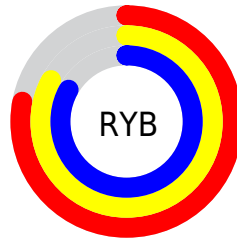
The Yxy color **63.2163, 0.3113, 0.3444** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.1008, 0.3142, 0.3141**, and the grayscale version is **61.9726, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.0876, 0.3109, 0.3479** is the 20% darker color. If you saturate the color by 10%, you get **59.6770, 0.3090, 0.3704**, and if you desaturate by 10%, it is **67.2836, 0.3134, 0.3216**.

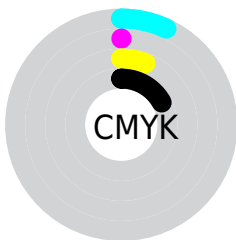
Distribution



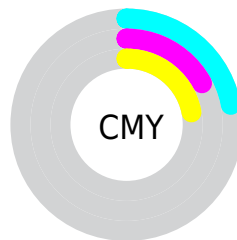
- Red (78%)
- Green (83%)
- Blue (78%)



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



- Cyan (7%)
- Magenta (0%)
- Yellow (6%)
- Black (17%)



- Cyan (22%)
- Magenta (17%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.2163, 0.3113, 0.3444 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 63.2163, 0.3113, 0.3444 by changing the saturation by 10% instead.

■ 63.2163, 0.3113,
0.3444

■ 63.2163, 0.3113,
0.3444

436.3541, 0.3120,
0.3370

■ 46.0162, 0.3111,
0.3462

109.4815, 0.3116,
0.3418

■ 32.2586, 0.3109,
0.3484

139.3154, 0.3117,
0.3408

■ 21.5591, 0.3106,
0.3512

174.1294, 0.3117,
0.3399

■ 13.5333, 0.3102,
0.3551

214.3078, 0.3118,
0.3392

■ 7.7968, 0.3095,
0.3606

260.2351, 0.3119,
0.3385

■ 3.9652, 0.3085,
0.3690

312.2957, 0.3119,

■ 1.6541, 0.3066,

0.3380

370.8738, 0.3120,
0.3375

0.3834

0.3937, 0.2919,
0.5741

0.0000, 0.0000,
0.0000

63.2163, 0.3113,
0.3444

63.2163, 0.3113,
0.3444

59.6770, 0.3090,
0.3704

67.2836, 0.3134,
0.3216

56.6364, 0.3067,
0.3996

71.8908, 0.3154,
0.3018

54.0745, 0.3044,
0.4315

75.5690, 0.3147,
0.2871

51.9669, 0.3023,
0.4652

■ 50.2870, 0.3004,
0.4992

■ 49.0055, 0.2991,
0.5312

■ 48.0894, 0.2984,
0.5589

■ 47.5002, 0.2983,
0.5801

■ 47.1897, 0.2989,
0.5934

Harmonies

Analogous

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



63.2163, 0.3221, 0.3480



63.2163, 0.3113, 0.3444



63.2163, 0.3010, 0.3365

Triad

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



63.2163, 0.3113, 0.3444



63.2163, 0.2951, 0.3118



63.2163, 0.3319, 0.3310

Complementary

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



63.2163, 0.3113, 0.3444



59.1008, 0.3142, 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.



63.2163, 0.3244, 0.3216



63.2163, 0.3113, 0.3444



63.2163, 0.3032, 0.3107

Square

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



63.2163, 0.3113, 0.3444



63.2163, 0.2918, 0.3176



63.2163, 0.3139, 0.3143



63.2163, 0.3341, 0.3400

Rectangle

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



63.2163, 0.3113, 0.3444



63.2163, 0.2958, 0.3299



63.2163, 0.3139, 0.3143



63.2163, 0.3299, 0.3278

Sweetspot

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



63.2190, 0.3113, 0.3444



98.7429, 0.3123, 0.3336



65.0265, 0.3217, 0.3451



21.1482, 0.3123, 0.3333



0.0000, 0.0000, 0.0000



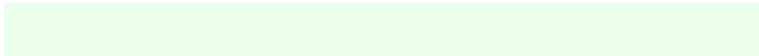
21.4041, 0.3127, 0.3290

Same Dimension

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



63.2190, 0.3113, 0.3444



95.1687, 0.3110, 0.3481



63.5508, 0.3066, 0.3361



13.9094, 0.3107, 0.3514



29.0945, 0.2987, 0.5953



1.7597, 0.2947, 0.5810

Inverse Universe

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



59.1008, 0.3142, 0.3141



87.5798, 0.3145, 0.3106



58.7580, 0.3193, 0.3220



12.6176, 0.3148, 0.3075



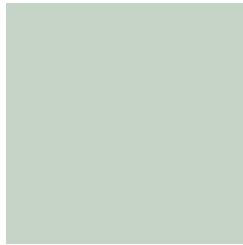
11.1566, 0.3384, 0.1638



0.6774, 0.3351, 0.1620

Previews

White Background



This preview shows how the Yxy color 63.2163, 0.3113, 0.3444 looks on a white background.

Color Contrast Check

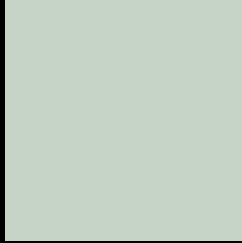
Large Text (above 18pt) WCAG AA × Fail

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 63.2163, 0.3113, 0.3444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

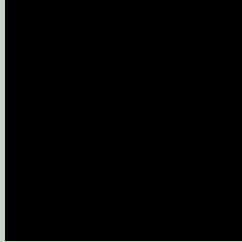
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

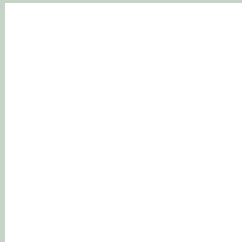
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.2163, 0.3113, 0.3444

Background



This preview shows how black text looks on a background with the Yxy color 63.2163, 0.3113, 0.3444.



This preview shows how white text looks on a background with the Yxy color 63.2163, 0.3113, 0.3444.

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

63.2163, 0.3113, 0.3444

Protanopia

62.9073, 0.3259, 0.3417

Deuteranopia

62.9793, 0.3364, 0.3291



Tritanopia

63.1045, 0.2968, 0.3096

Trichromacy



Original Color

63.2163, 0.3113, 0.3444

Protanomaly

63.0420, 0.3204, 0.3430

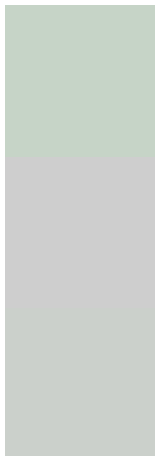
Deuteranomaly

62.8928, 0.3271, 0.3347

Tritanomaly

62.9763, 0.3021, 0.3209

Monochromacy



Original Color

63.2163, 0.3113, 0.3444

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.1201, 0.3124, 0.3348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.2163, 0.3113, 0.3444 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(198, 212, 199)` looks like.

```
.text, #text, p{  
    color:rgb(198, 212, 199)  
}
```

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(198, 212, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 212, 199) }
```

Border

The CSS property to change the border of an element to Yxy 63.2163, 0.3113, 0.3444 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(198, 212, 199) }
```

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

```
.border{ border-color:rgb(198, 212, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 212, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 212, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 212, 199);  
box-shadow:4px 4px 4px 4px rgb(198, 212,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 63.2163, 0.3113, 0.3444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 212, 199) }
```

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

```
.background{ background-color: rgb(198,  
212, 199) }
```

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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