

Converting Colors

Yxy(64.7302, 0.3111, 0.3478)

Have a look what the booklet for
Yxy(64.7302, 0.3111, 0.3478)
contains.

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Color

Yxy(64.7302, 0.3111, 0.3478)

Conversions

Conversions Part 1

Format	Color
Hex	C6D7C7
RGB	198, 215, 199
RGB Percent	78%, 84%, 78%
CMY	0.2235, 0.1569, 0.2196
CMYK	0.08, 0.00, 0.07, 0.16
HSL	124°, 18%, 81%
HSV	124°, 8%, 84%
XYZ	57.8998, 64.7302, 63.4832
YIQ	208.0930, -4.9960, -8.5800

Conversions

Conversions Part 2

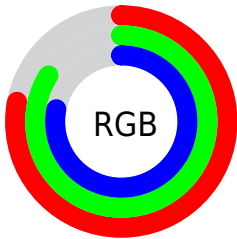
Format	Color
RYB	198, 214, 215
Decimal	13031367
CIELab	84.34, -8.67, 5.93
CIELCh	84, 10.498, 145.634
Yxy	64.7302, 0.3111, 0.3478
Android (android.graphics.Color)	4291221447 (0xFFC6D7C7)
YUV	208.0930, -4.4828, -8.8516
Hunter-Lab	80.4551, -12.3381, 9.5357

Details

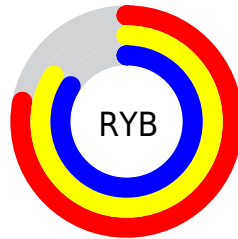
The Yxy color **64.7302, 0.3111, 0.3478** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.6926, 0.3144, 0.3109**, and the grayscale version is **63.1745, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.1152, 0.3107, 0.3525** is the 20% darker color. If you saturate the color by 10%, you get **61.1376, 0.3089, 0.3745**, and if you desaturate by 10%, it is **68.8679, 0.3131, 0.3244**.

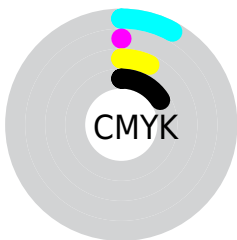
Distribution



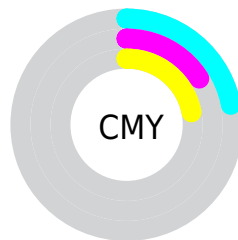
- Red (78%)
- Green (84%)
- Blue (78%)



- Red (78%)
- Yellow (84%)
- Blue (84%)



- Cyan (8%)
- Magenta (0%)
- Yellow (7%)
- Black (16%)



- Cyan (22%)
- Magenta (16%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.7302, 0.3111, 0.3478 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 64.7302, 0.3111, 0.3478 by changing the saturation by 10% instead.

■ 64.7302, 0.3111,
0.3478

■ 64.7302, 0.3111,
0.3478

441.8218, 0.3119,
0.3388

■ 47.2423, 0.3109,
0.3499

111.6619, 0.3114,
0.3446

■ 33.2273, 0.3106,
0.3526

141.8745, 0.3115,
0.3434

■ 22.3006, 0.3103,
0.3561

177.0975, 0.3116,
0.3424

■ 14.0780, 0.3098,
0.3608

217.7152, 0.3117,
0.3414

■ 8.1749, 0.3090,
0.3674

264.1121, 0.3118,
0.3407

■ 4.2071, 0.3078,
0.3775

316.6726, 0.3118,

■ 1.7901, 0.3055,

0.3400

0.3948

375.7810, 0.3119,
0.3394

0.4810, 0.2938,
0.5753

0.0000, 0.0000,
0.0000

64.7302, 0.3111,
0.3478

64.7302, 0.3111,
0.3478

61.1376, 0.3089,
0.3745

68.8679, 0.3131,
0.3244

58.0596, 0.3067,
0.4043

73.5633, 0.3150,
0.3040

55.4750, 0.3045,
0.4369

77.0824, 0.3145,
0.2901

53.3582, 0.3024,
0.4710

■ 51.6813, 0.3007,
0.5050

■ 50.4131, 0.2994,
0.5367

■ 49.5187, 0.2987,
0.5635

■ 48.9570, 0.2987,
0.5834

■ 48.6719, 0.2991,
0.5953

Harmonies

Analogous

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



64.7302, 0.3242, 0.3520



64.7302, 0.3111, 0.3478



64.7302, 0.2987, 0.3382

Triad

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



64.7302, 0.3111, 0.3478



64.7302, 0.2914, 0.3083



64.7302, 0.3359, 0.3312

Complementary

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



64.7302, 0.3111, 0.3478



59.6926, 0.3144, 0.3109

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.



64.7302, 0.3268, 0.3200



64.7302, 0.3111, 0.3478



64.7302, 0.3010, 0.3069

Square

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



64.7302, 0.3111, 0.3478



64.7302, 0.2874, 0.3152



64.7302, 0.3139, 0.3112



64.7302, 0.3387, 0.3421

Rectangle

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



64.7302, 0.3111, 0.3478



64.7302, 0.2923, 0.3302



64.7302, 0.3139, 0.3112



64.7302, 0.3335, 0.3273

Sweetspot

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



64.7330, 0.3111, 0.3478



98.7404, 0.3123, 0.3336



66.9990, 0.3237, 0.3483



21.1477, 0.3123, 0.3334



0.0000, 0.0000, 0.0000



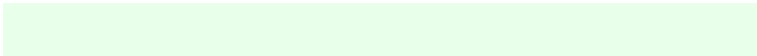
21.4041, 0.3127, 0.3290

Same Dimension

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



64.7330, 0.3111, 0.3478



94.5910, 0.3109, 0.3508



65.1311, 0.3056, 0.3379



13.9078, 0.3108, 0.3516



29.0914, 0.2989, 0.5959



1.7590, 0.2953, 0.5832

Inverse Universe

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



59.6926, 0.3144, 0.3109



86.1339, 0.3146, 0.3081



59.2773, 0.3205, 0.3203



12.6194, 0.3147, 0.3074



11.2038, 0.3363, 0.1626



0.6797, 0.3334, 0.1610

Previews

White Background



This preview shows how the Yxy color 64.7302, 0.3111, 0.3478 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 64.7302, 0.3111, 0.3478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

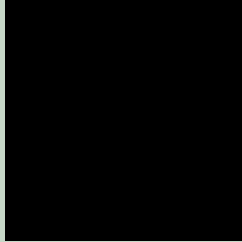
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

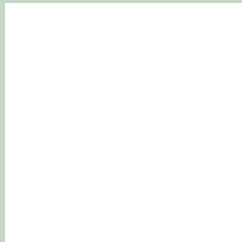
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.7302, 0.3111, 0.3478

Background



This preview shows how black text looks on a background with the Yxy color 64.7302, 0.3111, 0.3478.



This preview shows how white text looks on a background with the Yxy color 64.7302, 0.3111, 0.3478.

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

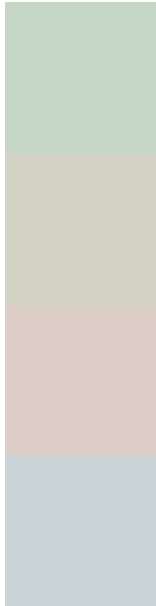




Tritanopia

64.8311, 0.2963, 0.3109

Trichromacy



Original Color

64.7302, 0.3111, 0.3478

Protanomaly

64.3214, 0.3217, 0.3452

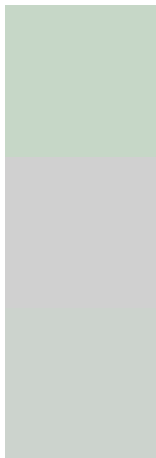
Deuteranomaly

64.1679, 0.3285, 0.3369

Tritanomaly

64.5142, 0.3014, 0.3232

Monochromacy



Original Color

64.7302, 0.3111, 0.3478

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.8337, 0.3116, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.7302, 0.3111, 0.3478 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, 215, 199)` looks like.

```
.text, #text, p{  
    color:rgb(198, 215, 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, 215, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 215, 199) }
```

Border

The CSS property to change the border of an element to Yxy 64.7302, 0.3111, 0.3478 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, 215, 199) }
```

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

```
.border{ border-color:rgb(198, 215, 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, 215, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 215, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 215, 199);  
box-shadow:4px 4px 4px 4px rgb(198, 215,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 64.7302, 0.3111, 0.3478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 215, 199) }
```

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

```
.background{ background-color: rgb(198,  
215, 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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