

Converting Colors

Yxy(64.0083, 0.3083, 0.3495)

Have a look what the booklet for
Yxy(64.0083, 0.3083, 0.3495)
contains.

Yxy(64.0156, 0.3081, 0.3492)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(64.0156, 0.3081, 0.3492)

Conversions

Conversions Part 1

Format	Color
Hex	C1D7C6
RGB	193, 215, 198
RGB Percent	76%, 84%, 78%
CMY	0.2433, 0.1568, 0.2234
CMYK	0.10, 0.00, 0.08, 0.16
HSL	134°, 22%, 80%
HSV	134°, 10%, 84%
XYZ	56.4811, 64.0156, 62.8240
YIQ	206.4840, -7.6550, -9.9510

Conversions

Conversions Part 2

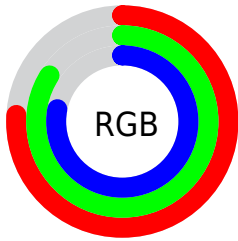
Format	Color
RYB	193, 211, 215
Decimal	12703686
CIELab	83.97, -10.56, 5.87
CIELCh	84, 12.079, 150.940
Yxy	64.0156, 0.3081, 0.3492
Android (android.graphics.Color)	4290893766 (0xFFC1D7C6)
YUV	206.4840, -4.1826, -11.8255
Hunter-Lab	80.0097, -14.0089, 9.4520

Details

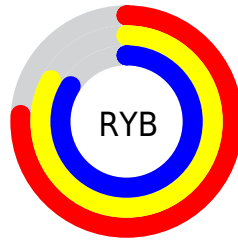
The Yxy color **64.0156, 0.3081, 0.3492** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.2221, 0.3177, 0.3096**, and the grayscale version is **62.0776, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0640, 0.3096, 0.3290**, and **32.6442, 0.3068, 0.3545** is the 20% darker color. If you saturate the color by 10%, you get **60.6727, 0.3036, 0.3715**, and if you desaturate by 10%, it is **67.8583, 0.3126, 0.3295**.

Distribution



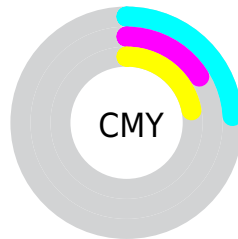
- Red (76%)
- Green (84%)
- Blue (78%)



- Red (76%)
- Yellow (83%)
- Blue (84%)



- Cyan (10%)
- Magenta (0%)
- Yellow (8%)
- Black (16%)



- Cyan (24%)
- Magenta (16%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.0156, 0.3081, 0.3492 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 64.0156, 0.3081, 0.3492 by changing the saturation by 10% instead.

■ 64.0156, 0.3081,
0.3492

■ 64.0156, 0.3081,
0.3492

439.2460, 0.3104,
0.3395

■ 46.6633, 0.3076,
0.3515

■ 110.6334, 0.3089,
0.3458

■ 32.7696, 0.3069,
0.3544

140.6677, 0.3092,
0.3444

■ 21.9500, 0.3059,
0.3582

175.6981, 0.3095,
0.3433

■ 13.8201, 0.3047,
0.3633

216.1091, 0.3097,
0.3423

■ 7.9957, 0.3029,
0.3706

262.2849, 0.3099,
0.3415

■ 4.0922, 0.3001,
0.3817

314.6101, 0.3101,

■ 1.7253, 0.2950,

0.3408

0.4009

373.4690, 0.3102,
0.3401

0.4399, 0.2397,
0.6575

0.0000, 0.0000,
0.0000

64.0156, 0.3081,
0.3492

64.0156, 0.3081,
0.3492

60.6727, 0.3036,
0.3715

67.8583, 0.3126,
0.3295

57.8010, 0.2993,
0.3962

72.2117, 0.3170,
0.3122

55.3816, 0.2954,
0.4232

76.6261, 0.3194,
0.2969

53.3909, 0.2921,
0.4519

77.0872, 0.3145,
0.2901

■ 51.8034, 0.2898,
0.4812

■ 50.5906, 0.2888,
0.5099

■ 49.7203, 0.2891,
0.5362

■ 49.1545, 0.2908,
0.5588

■ 48.8327, 0.2934,
0.5761

Harmonies

Analogous

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



64.0156, 0.3234, 0.3554



64.0156, 0.3081, 0.3492



64.0156, 0.2943, 0.3372

Triad

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



64.0156, 0.3081, 0.3492



64.0156, 0.2897, 0.3043



64.0156, 0.3407, 0.3338

Complementary

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



64.0156, 0.3081, 0.3492



57.2221, 0.3177, 0.3096

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.



64.0156, 0.3312, 0.3207



64.0156, 0.3081, 0.3492



64.0156, 0.3016, 0.3040

Square

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



64.0156, 0.3081, 0.3492



64.0156, 0.2838, 0.3112



64.0156, 0.3168, 0.3100



64.0156, 0.3424, 0.3460

Rectangle

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



64.0156, 0.3081, 0.3492



64.0156, 0.2877, 0.3278



64.0156, 0.3168, 0.3100



64.0156, 0.3383, 0.3294

Sweetspot

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



64.0183, 0.3081, 0.3492



98.2042, 0.3114, 0.3347



66.1919, 0.3243, 0.3544



20.9195, 0.3110, 0.3363



0.0000, 0.0000, 0.0000



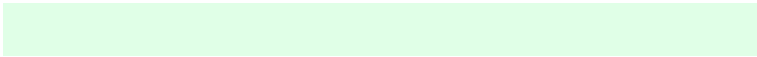
21.4041, 0.3127, 0.3290

Same Dimension

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



64.0183, 0.3081, 0.3492



93.2255, 0.3073, 0.3532



64.5314, 0.3011, 0.3363



13.9423, 0.3085, 0.3475



29.2176, 0.2927, 0.5738



1.7752, 0.2834, 0.5402

Inverse Universe

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



57.2221, 0.3177, 0.3096



81.5616, 0.3187, 0.3060



56.7051, 0.3259, 0.3218



12.5816, 0.3172, 0.3112



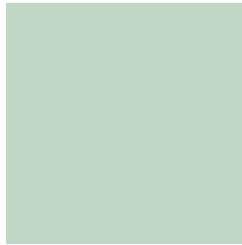
10.2951, 0.3888, 0.1915



0.6331, 0.3747, 0.1838

Previews

White Background



This preview shows how the Yxy color 64.0156, 0.3081, 0.3492 looks on a white background.

Color Contrast Check

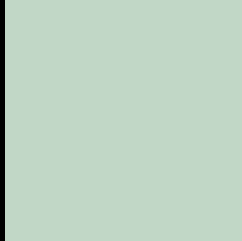
Large Text (above 18pt) WCAG AA × Fail

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 64.0156, 0.3081, 0.3492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

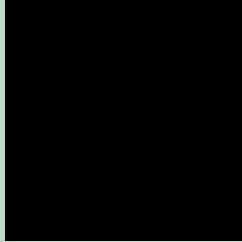
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

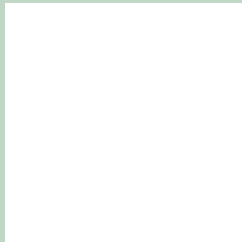
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.0156, 0.3081, 0.3492

Background



This preview shows how black text looks on a background with the Yxy color 64.0156, 0.3081, 0.3492.



This preview shows how white text looks on a background with the Yxy color 64.0156, 0.3081, 0.3492.

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

64.0156, 0.3081, 0.3492

Protanopia

63.6057, 0.3288, 0.3450

Deuteranopia

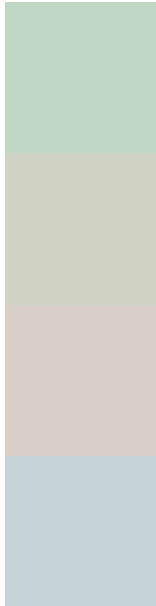
63.6139, 0.3371, 0.3302



Tritanopia

64.1403, 0.2928, 0.3107

Trichromacy



Original Color

64.0156, 0.3081, 0.3492

Protanomaly

63.9386, 0.3216, 0.3476

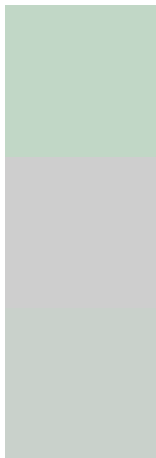
Deuteranomaly

63.7012, 0.3261, 0.3370

Tritanomaly

63.7806, 0.2985, 0.3243

Monochromacy



Original Color

64.0156, 0.3081, 0.3492

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.3302, 0.3109, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.0156, 0.3081, 0.3492 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, 198)` looks like.

```
.text, #text, p{  
    color:rgb(193, 215, 198)  
}
```

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, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 215, 198) }
```

Border

The CSS property to change the border of an element to Yxy 64.0156, 0.3081, 0.3492 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, 198) }
```

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

```
.border{ border-color:rgb(193, 215, 198) }
```

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, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 215, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 215, 198); box-shadow:4px 4px 4px 4px rgb(193, 215, 198) }
```


Background

The CSS property to change the background color of an element to Yxy 64.0156, 0.3081, 0.3492 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, 198) }
```

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

```
.background{ background-color: rgb(193,  
215, 198) }
```

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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