

Converting Colors

Yxy(63.6964, 0.3153, 0.3428)

Have a look what the booklet for
Yxy(63.6964, 0.3153, 0.3428)
contains.

Yxy(63.5494, 0.3158, 0.3430)	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(63.5494, 0.3158, 0.3430)

Conversions

Conversions Part 1

Format	Color
Hex	CCD3C7
RGB	204, 211, 199
RGB Percent	80%, 83%, 78%
CMY	0.1999, 0.1726, 0.2196
CMYK	0.03, 0.00, 0.06, 0.17
HSL	95°, 12%, 80%
HSV	95°, 6%, 83%
XYZ	58.5099, 63.5494, 63.2159
YIQ	207.5390, -0.3200, -5.2160

Conversions

Conversions Part 2

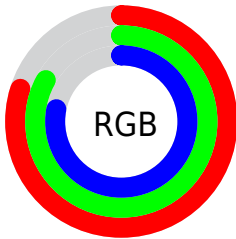
Format	Color
RYB	199, 211, 206
Decimal	13423559
CIELab	83.73, -4.54, 5.10
CIELCh	84, 6.827, 131.637
Yxy	63.5494, 0.3158, 0.3430
Android (android.graphics.Color)	4291613639 (0xFFCCD3C7)
YUV	207.5390, -4.2097, -3.1037
Hunter-Lab	79.7179, -8.4940, 8.7858

Details

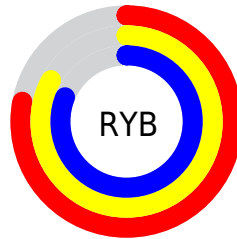
The Yxy color **63.5494, 0.3158, 0.3430** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.6693, 0.3095, 0.3151**, and the grayscale version is **62.7943, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.6423, 0.3167, 0.3476** is the 20% darker color. If you saturate the color by 10%, you get **60.9732, 0.3212, 0.3695**, and if you desaturate by 10%, it is **66.4034, 0.3104, 0.3189**.

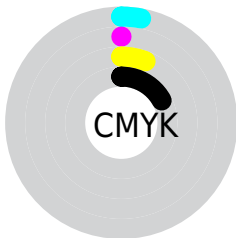
Distribution



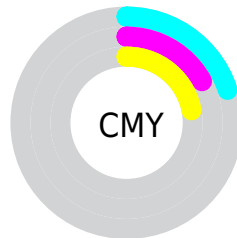
- Red (80%)
- Green (83%)
- Blue (78%)



- Red (78%)
- Yellow (83%)
- Blue (81%)



- Cyan (3%)
- Magenta (0%)
- Yellow (6%)
- Black (17%)



- Cyan (20%)
- Magenta (17%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.5494, 0.3158, 0.3430 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 63.5494, 0.3158, 0.3430 by changing the saturation by 10% instead.

■ 63.5494, 0.3158,
0.3430

■ 63.5494, 0.3158,
0.3430

437.5606, 0.3144,
0.3363

■ 46.2858, 0.3161,
0.3446

109.9617, 0.3153,
0.3406

■ 32.4714, 0.3165,
0.3466

139.8793, 0.3151,
0.3397

■ 21.7218, 0.3171,
0.3492

174.7836, 0.3149,
0.3390

■ 13.6526, 0.3177,
0.3526

215.0591, 0.3148,
0.3383

■ 7.8795, 0.3187,
0.3575

261.0901, 0.3147,
0.3377

■ 4.0179, 0.3200,
0.3649

313.2612, 0.3146,

■ 1.6836, 0.3222,

0.3372

0.3776

371.9565, 0.3145,
0.3367

0.4130, 0.3577,
0.5242

0.0000, 0.0000,
0.0000

63.5494, 0.3158,
0.3430

63.5494, 0.3158,
0.3430

60.9732, 0.3212,
0.3695

66.4034, 0.3104,
0.3189

58.6581, 0.3263,
0.3982

69.5354, 0.3051,
0.2972

56.5974, 0.3308,
0.4284

72.4765, 0.3047,
0.2847

54.7815, 0.3345,
0.4595

74.7060, 0.3134,
0.2859

■ 53.1999, 0.3368,
0.4899

■ 75.0675, 0.3147,
0.2861

■ 51.8412, 0.3374,
0.5183

■ 50.6929, 0.3362,
0.5428

■ 49.7409, 0.3329,
0.5621

■ 48.9684, 0.3280,
0.5752

Harmonies

Analogous

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



63.5494, 0.3237, 0.3439



63.5494, 0.3158, 0.3430



63.5494, 0.3072, 0.3382

Triad

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



63.5494, 0.3158, 0.3430



63.5494, 0.2970, 0.3172



63.5494, 0.3255, 0.3270

Complementary

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



63.5494, 0.3158, 0.3430



58.6693, 0.3095, 0.3151

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.



63.5494, 0.3182, 0.3201



63.5494, 0.3158, 0.3430



63.5494, 0.3017, 0.3144

Square

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



63.5494, 0.3158, 0.3430



63.5494, 0.2964, 0.3232



63.5494, 0.3095, 0.3155



63.5494, 0.3294, 0.3345

Rectangle

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



63.5494, 0.3158, 0.3430



63.5494, 0.3021, 0.3335



63.5494, 0.3095, 0.3155



63.5494, 0.3234, 0.3245

Sweetspot

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



63.5521, 0.3158, 0.3430



99.1179, 0.3138, 0.3339



62.0186, 0.3215, 0.3369



21.2246, 0.3138, 0.3336



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.



63.5521, 0.3158, 0.3430



96.9882, 0.3166, 0.3465



62.8909, 0.3115, 0.3422



13.5513, 0.3168, 0.3477



29.4359, 0.3267, 0.5788



1.6920, 0.3414, 0.5671

Inverse Universe

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



58.6693, 0.3095, 0.3151



87.7451, 0.3086, 0.3116



59.3597, 0.3139, 0.3162



12.1799, 0.3084, 0.3104



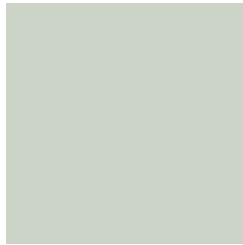
5.4254, 0.2197, 0.0984



0.3494, 0.2379, 0.1084

Previews

White Background



This preview shows how the Yxy color 63.5494, 0.3158, 0.3430 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 63.5494, 0.3158, 0.3430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

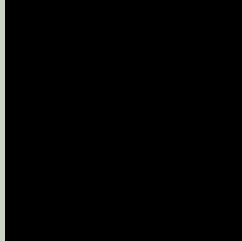
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

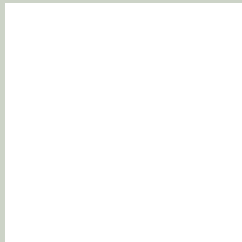
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.5494, 0.3158, 0.3430

Background



This preview shows how black text looks on a background with the Yxy color 63.5494, 0.3158, 0.3430.



This preview shows how white text looks on a background with the Yxy color 63.5494, 0.3158, 0.3430.

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

63.5494, 0.3158, 0.3430

Protanopia

63.5900, 0.3259, 0.3416

Deuteranopia

63.6139, 0.3371, 0.3302



Tritanopia

63.4174, 0.3018, 0.3098

Trichromacy



Original Color

63.5494, 0.3158, 0.3430

Protanomaly

63.5270, 0.3220, 0.3417

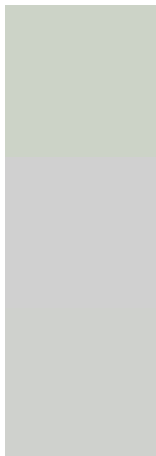
Deuteranomaly

63.3624, 0.3295, 0.3347

Tritanomaly

63.2834, 0.3071, 0.3210

Monochromacy



Original Color

63.5494, 0.3158, 0.3430

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.2741, 0.3140, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.5494, 0.3158, 0.3430 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(204, 211, 199)` looks like.

```
.text, #text, p{  
    color:rgb(204, 211, 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(204, 211, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 211, 199) }
```

Border

The CSS property to change the border of an element to Yxy 63.5494, 0.3158, 0.3430 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(204, 211, 199) }
```

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

```
.border{ border-color:rgb(204, 211, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 211, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 211, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 211, 199);  
box-shadow:4px 4px 4px 4px rgb(204, 211,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 63.5494, 0.3158, 0.3430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 211, 199) }
```

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

```
.background{ background-color: rgb(204,  
211, 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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