

Converting Colors

Yxy(63.3526, 0.3120, 0.3443)

Have a look what the booklet for
Yxy(63.3526, 0.3120, 0.3443)
contains.

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Color

Yxy(63.3526, 0.3120, 0.3443)

Conversions

Conversions Part 1

Format	Color
Hex	C7D4C7
RGB	199, 212, 199
RGB Percent	78%, 83%, 78%
CMY	0.2195, 0.1686, 0.2196
CMYK	0.06, 0.00, 0.06, 0.17
HSL	120°, 13%, 81%
HSV	120°, 6%, 83%
XYZ	57.4093, 63.3526, 63.2422
YIQ	206.6310, -3.5750, -6.7990

Conversions

Conversions Part 2

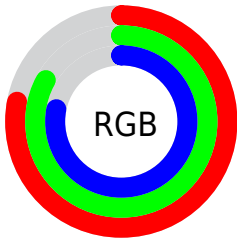
Format	Color
RYB	199, 212, 212
Decimal	13096135
CIELab	83.63, -6.78, 4.90
CIELCh	84, 8.363, 144.118
Yxy	63.3526, 0.3120, 0.3443
Android (android.graphics.Color)	4291286215 (0xFFC7D4C7)
YUV	206.6310, -3.7621, -6.6924
Hunter-Lab	79.5943, -10.5428, 8.6068

Details

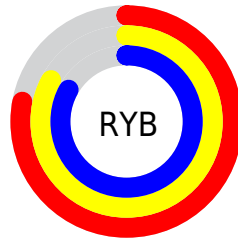
The Yxy color **63.3526, 0.3120, 0.3443** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.6029, 0.3134, 0.3142**, and the grayscale version is **62.1768, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.1780, 0.3118, 0.3479** is the 20% darker color. If you saturate the color by 10%, you get **59.7374, 0.3107, 0.3721**, and if you desaturate by 10%, it is **67.5142, 0.3131, 0.3200**.

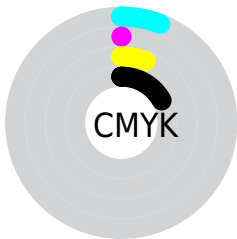
Distribution



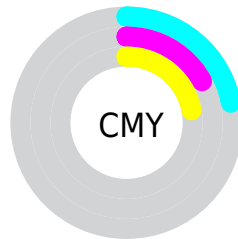
- Red (78%)
- Green (83%)
- Blue (78%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.3526, 0.3120, 0.3443 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 63.3526, 0.3120, 0.3443 by changing the saturation by 10% instead.

■ 63.3526, 0.3120,
0.3443

■ 63.3526, 0.3120,
0.3443

436.8480, 0.3124,
0.3370

■ 46.1265, 0.3119,
0.3460

109.6780, 0.3121,
0.3417

■ 32.3457, 0.3118,
0.3482

139.5462, 0.3122,
0.3407

■ 21.6257, 0.3116,
0.3511

174.3972, 0.3122,
0.3399

■ 13.5821, 0.3113,
0.3549

214.6153, 0.3123,
0.3391

■ 7.8306, 0.3110,
0.3603

260.5851, 0.3123,
0.3385

■ 3.9867, 0.3103,
0.3686

312.6909, 0.3123,

■ 1.6661, 0.3090,

0.3379

0.3829

371.3171, 0.3124,
0.3374

0.4016, 0.3036,
0.5636

0.0000, 0.0000,
0.0000

63.3526, 0.3120,
0.3443

63.3526, 0.3120,
0.3443

59.7374, 0.3107,
0.3721

67.5142, 0.3131,
0.3200

56.6383, 0.3092,
0.4033

72.2351, 0.3141,
0.2990

54.0343, 0.3076,
0.4374

75.5670, 0.3147,
0.2871

51.8997, 0.3060,
0.4731

■ 50.2065, 0.3043,
0.5086

■ 48.9240, 0.3028,
0.5412

■ 48.0172, 0.3015,
0.5682

■ 47.4455, 0.3006,
0.5872

■ 47.1582, 0.3001,
0.5974

Harmonies

Analogous

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



63.3526, 0.3224, 0.3475



63.3526, 0.3120, 0.3443



63.3526, 0.3019, 0.3368

Triad

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



63.3526, 0.3120, 0.3443



63.3526, 0.2953, 0.3125



63.3526, 0.3310, 0.3303

Complementary

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



63.3526, 0.3120, 0.3443



59.6029, 0.3134, 0.3142

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.



63.3526, 0.3235, 0.3213



63.3526, 0.3120, 0.3443



63.3526, 0.3029, 0.3112

Square

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



63.3526, 0.3120, 0.3443



63.3526, 0.2923, 0.3184



63.3526, 0.3132, 0.3144



63.3526, 0.3335, 0.3392

Rectangle

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



63.3526, 0.3120, 0.3443



63.3526, 0.2967, 0.3305



63.3526, 0.3132, 0.3144



63.3526, 0.3290, 0.3272

Sweetspot

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



63.3553, 0.3120, 0.3443



98.7216, 0.3125, 0.3339



65.1000, 0.3217, 0.3436



21.1439, 0.3125, 0.3337



0.0000, 0.0000, 0.0000



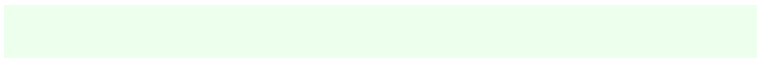
21.4041, 0.3127, 0.3290

Same Dimension

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



63.3553, 0.3120, 0.3443



95.6741, 0.3119, 0.3468



63.6527, 0.3077, 0.3368



14.0546, 0.3118, 0.3480



29.0694, 0.3000, 0.6000



1.7534, 0.3000, 0.6000

Inverse Universe

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



59.6029, 0.3134, 0.3142



89.1347, 0.3135, 0.3118



59.2926, 0.3180, 0.3213



13.0308, 0.3136, 0.3107



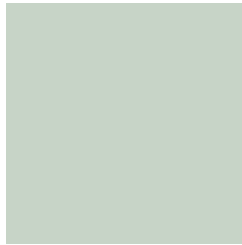
11.5721, 0.3209, 0.1541



0.6980, 0.3209, 0.1541

Previews

White Background



This preview shows how the Yxy color 63.3526, 0.3120, 0.3443 looks on a white background.

Color Contrast Check

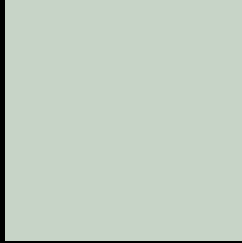
Large Text (above 18pt) WCAG AA × Fail

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 63.3526, 0.3120, 0.3443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

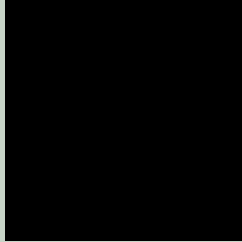
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

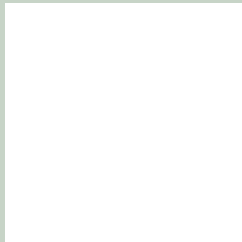
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.3526, 0.3120, 0.3443

Background



This preview shows how black text looks on a background with the Yxy color 63.3526, 0.3120, 0.3443.



This preview shows how white text looks on a background with the Yxy color 63.3526, 0.3120, 0.3443.

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

63.3526, 0.3120, 0.3443

Protanopia

63.0582, 0.3267, 0.3416

Deuteranopia

62.9793, 0.3364, 0.3291



Tritanopia

63.2445, 0.2975, 0.3096

Trichromacy



Original Color

63.3526, 0.3120, 0.3443

Protanomaly

63.1875, 0.3211, 0.3429

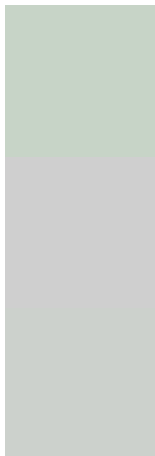
Deuteranomaly

62.8928, 0.3271, 0.3347

Tritanomaly

63.1154, 0.3028, 0.3209

Monochromacy



Original Color

63.3526, 0.3120, 0.3443

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.7979, 0.3124, 0.3348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.3526, 0.3120, 0.3443 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(199, 212, 199)` looks like.

```
.text, #text, p{  
    color:rgb(199, 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(199, 212, 199) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 63.3526, 0.3120, 0.3443 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(199, 212, 199) }
```

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

```
.border{ border-color:rgb(199, 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(199, 212, 199)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 63.3526, 0.3120, 0.3443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(199,  
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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