

Converting Colors

Yxy(63.5557, 0.3171, 0.3542)

Have a look what the booklet for
Yxy(63.5557, 0.3171, 0.3542)
contains.

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Color

Yxy(63.5364, 0.3167, 0.3539)

Conversions

Conversions Part 1

Format	Color
Hex	C7D5C0
RGB	199, 213, 192
RGB Percent	78%, 84%, 75%
CMY	0.2197, 0.1647, 0.2470
CMYK	0.07, 0.00, 0.10, 0.16
HSL	100°, 20%, 79%
HSV	100°, 10%, 84%
XYZ	56.8578, 63.5364, 59.1379
YIQ	206.4200, -1.6030, -9.4990

Conversions

Conversions Part 2

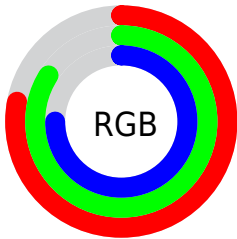
Format	Color
RYB	192, 213, 206
Decimal	13096384
CIELab	83.72, -8.55, 8.76
CIElCh	84, 12.238, 134.304
Yxy	63.5364, 0.3167, 0.3539
Android (android.graphics.Color)	4291286464 (0xFFC7D5C0)
YUV	206.4200, -7.1091, -6.5073
Hunter-Lab	79.7097, -12.1660, 11.8086

Details

The Yxy color **63.5364, 0.3167, 0.3539** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.6329, 0.3083, 0.3045**, and the grayscale version is **62.0515, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **32.3375, 0.3172, 0.3591** is the 20% darker color. If you saturate the color by 10%, you get **60.8062, 0.3206, 0.3817**, and if you desaturate by 10%, it is **66.5907, 0.3127, 0.3287**.

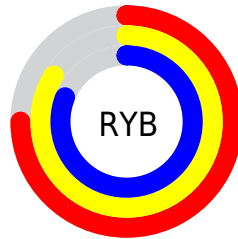
Distribution



Red (78%)

Green (84%)

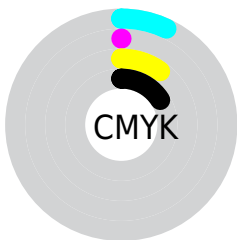
Blue (75%)



Red (75%)

Yellow (84%)

Blue (81%)

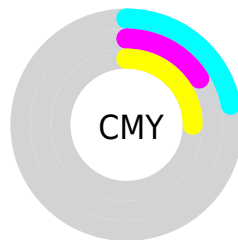


Cyan (7%)

Magenta (0%)

Yellow (10%)

Black (16%)



Cyan (22%)

Magenta (16%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.5364, 0.3167, 0.3539 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 63.5364, 0.3167, 0.3539 by changing the saturation by 10% instead.

■ 63.5364, 0.3167,
0.3539

■ 63.5364, 0.3167,
0.3539

437.5136, 0.3149,
0.3419

■ 46.2753, 0.3171,
0.3568

■ 109.9430, 0.3161,
0.3496

■ 32.4631, 0.3176,
0.3604

139.8573, 0.3158,
0.3480

■ 21.7155, 0.3182,
0.3650

174.7581, 0.3156,
0.3466

■ 13.6480, 0.3190,
0.3714

215.0298, 0.3154,
0.3454

■ 7.8762, 0.3199,
0.3803

261.0568, 0.3153,
0.3444

■ 4.0159, 0.3212,
0.3941

313.2235, 0.3151,

■ 1.6824, 0.3228,

0.3435

0.4179

371.9143, 0.3150,
0.3426

0.4122, 0.3076,
0.6924

0.0000, 0.0000,
0.0000

63.5364, 0.3167,
0.3539

63.5364, 0.3167,
0.3539

60.8062, 0.3206,
0.3817

66.5907, 0.3127,
0.3287

58.3811, 0.3241,
0.4118

69.9712, 0.3086,
0.3061

56.2523, 0.3269,
0.4435

73.6318, 0.3053,
0.2869

54.4078, 0.3288,
0.4756

76.0739, 0.3146,
0.2881

■ 52.8343, 0.3293,
0.5068

■ 51.5175, 0.3283,
0.5350

■ 50.4417, 0.3257,
0.5585

■ 49.5887, 0.3216,
0.5757

■ 48.9312, 0.3165,
0.5868

Harmonies

Analogous

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



63.5364, 0.3312, 0.3560



63.5364, 0.3167, 0.3539



63.5364, 0.3014, 0.3446

Triad

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



63.5364, 0.3167, 0.3539



63.5364, 0.2851, 0.3070



63.5364, 0.3366, 0.3264

Complementary

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



63.5364, 0.3167, 0.3539



55.6329, 0.3083, 0.3045

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.



63.5364, 0.3238, 0.3141



63.5364, 0.3167, 0.3539



63.5364, 0.2941, 0.3030

Square

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



63.5364, 0.3167, 0.3539



63.5364, 0.2834, 0.3172



63.5364, 0.3081, 0.3056



63.5364, 0.3430, 0.3397

Rectangle

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



63.5364, 0.3167, 0.3539



63.5364, 0.2927, 0.3358



63.5364, 0.3081, 0.3056



63.5364, 0.3329, 0.3220

Sweetspot

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



63.5391, 0.3167, 0.3539



98.5607, 0.3139, 0.3364



62.1005, 0.3282, 0.3452



21.0153, 0.3143, 0.3384



0.0000, 0.0000, 0.0000



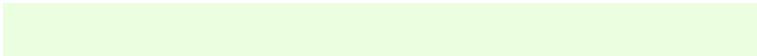
21.4041, 0.3127, 0.3290

Same Dimension

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



63.5391, 0.3167, 0.3539



94.5109, 0.3176, 0.3600



62.7640, 0.3092, 0.3500



14.0942, 0.3165, 0.3527



29.9311, 0.3174, 0.5862



1.8499, 0.3309, 0.5754

Inverse Universe

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



55.6329, 0.3083, 0.3045



80.1303, 0.3072, 0.2987



56.4777, 0.3165, 0.3089



12.4166, 0.3085, 0.3056



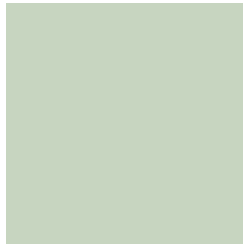
6.5202, 0.2391, 0.1091



0.4376, 0.2535, 0.1170

Previews

White Background



This preview shows how the Yxy color 63.5364, 0.3167, 0.3539 looks on a white background.

Color Contrast Check

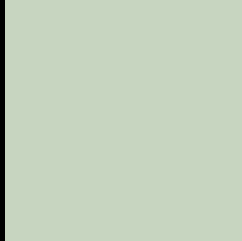
Large Text (above 18pt) WCAG AA × Fail

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 63.5364, 0.3167, 0.3539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

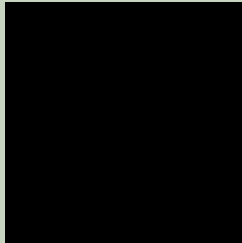
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

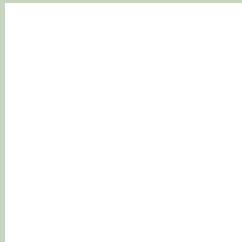
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.5364, 0.3167, 0.3539

Background



This preview shows how black text looks on a background with the Yxy color 63.5364, 0.3167, 0.3539.

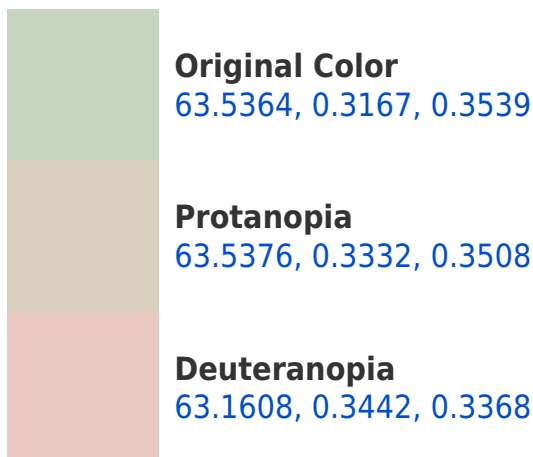


This preview shows how white text looks on a background with the Yxy color 63.5364, 0.3167, 0.3539.

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

63.3854, 0.2983, 0.3097

Trichromacy



Original Color

63.5364, 0.3167, 0.3539

Protanomaly

63.5125, 0.3268, 0.3523

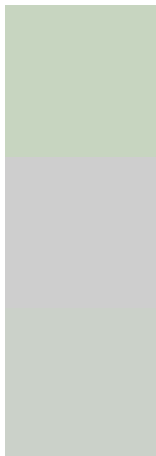
Deuteranomaly

62.8851, 0.3339, 0.3427

Tritanomaly

63.4538, 0.3048, 0.3255

Monochromacy



Original Color

63.5364, 0.3167, 0.3539

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.5145, 0.3138, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.5364, 0.3167, 0.3539 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, 213, 192)` looks like.

```
.text, #text, p{  
    color:rgb(199, 213, 192)  
}
```

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, 213, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 213, 192) }
```

Border

The CSS property to change the border of an element to Yxy 63.5364, 0.3167, 0.3539 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, 213, 192) }
```

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

```
.border{ border-color:rgb(199, 213, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 213, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 213, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 213, 192);  
box-shadow:4px 4px 4px 4px rgb(199, 213,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 63.5364, 0.3167, 0.3539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 213, 192) }
```

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

```
.background{ background-color: rgb(199,  
213, 192) }
```

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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