

Converting Colors

$Yxy(65.6512, 0.3173, 0.3601)$

Have a look what the booklet for
Yxy(65.6512, 0.3173, 0.3601)
contains.

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Color

Yxy(65.5294, 0.3171, 0.3597)

Conversions

Conversions Part 1

Format	Color
Hex	C7D9BF
RGB	199, 217, 191
RGB Percent	78%, 85%, 75%
CMY	0.2196, 0.1490, 0.2511
CMYK	0.08, 0.00, 0.12, 0.15
HSL	101°, 26%, 80%
HSV	101°, 12%, 85%
XYZ	57.7686, 65.5294, 58.8799
YIQ	208.6540, -2.3820, -11.9020

Conversions

Conversions Part 2

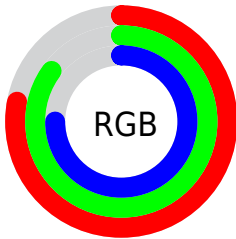
Format	Color
R_{YB}	191, 217, 209
Decimal	13097407
CIE Lab	84.76, -10.76, 10.78
CIE LCh	85, 15.227, 134.956
Yxy	65.5294, 0.3171, 0.3597
Android (android.graphics.Color)	4291287487 (0xFFC7D9BF)
YUV	208.6540, -8.7034, -8.4666
Hunter-Lab	80.9502, -14.2797, 13.5400

Details

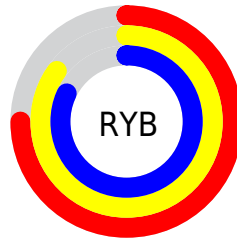
The Yxy color **65.5294, 0.3171, 0.3597** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **55.8140, 0.3077, 0.2990**, and the grayscale version is **63.5832, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **33.6954, 0.3176, 0.3667** is the 20% darker color. If you saturate the color by 10%, you get **62.6938, 0.3205, 0.3882**, and if you desaturate by 10%, it is **68.7147, 0.3135, 0.3338**.

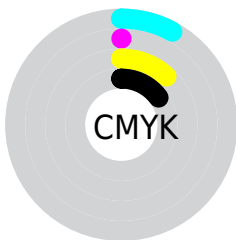
Distribution



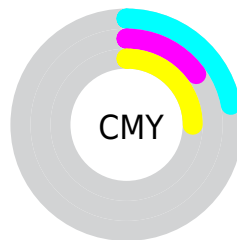
- Red (78%)
- Green (85%)
- Blue (75%)



- Red (75%)
- Yellow (85%)
- Blue (82%)



- Cyan (8%)
- Magenta (0%)
- Yellow (12%)
- Black (15%)





- Cyan (22%)
- Magenta (15%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.5294, 0.3171, 0.3597 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 65.5294, 0.3171, 0.3597 by changing the saturation by 10% instead.

 65.5294, 0.3171,
0.3597

 65.5294, 0.3171,
0.3597

444.6920, 0.3152,
0.3450

 47.8905, 0.3175,
0.3632

 112.8106, 0.3164,
0.3545

 33.7402, 0.3180,
0.3676


143.2217, 0.3162,
0.3525

 22.6941, 0.3186,
0.3734


178.6590, 0.3160,
0.3508

 14.3678, 0.3194,
0.3811

219.5069, 0.3158,
0.3493

 8.3769, 0.3203,
0.3920

266.1497, 0.3156,
0.3480

 4.3370, 0.3213,
0.4086

318.9719, 0.3154,

 1.8638, 0.3222,

0.3469

0.4370

378.3579, 0.3153,
0.3459

■ 0.5265, 0.3111,
0.6889

■ 0.0000, 0.0000,
0.0000

■ 65.5294, 0.3171,
0.3597

■ 65.5294, 0.3171,
0.3597

■ 62.6938, 0.3205,
0.3882

■ 68.7147, 0.3135,
0.3338

■ 60.1874, 0.3235,
0.4189

■ 72.2526, 0.3098,
0.3107

■ 58.0002, 0.3258,
0.4511

■ 76.0870, 0.3068,
0.2911

■ 56.1186, 0.3271,
0.4835

■ 78.1088, 0.3145,
0.2920

■ 54.5278, 0.3271,
0.5146

■ 53.2119, 0.3256,
0.5422

■ 52.1528, 0.3225,
0.5646

■ 51.3303, 0.3182,
0.5804

■ 50.8196, 0.3142,
0.5887

Harmonies

Analogous

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



65.5294, 0.3351, 0.3623



65.5294, 0.3171, 0.3597



65.5294, 0.2983, 0.3480

Triad

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



65.5294, 0.3171, 0.3597



65.5294, 0.2790, 0.3017



65.5294, 0.3425, 0.3261

Complementary

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



65.5294, 0.3171, 0.3597



55.8140, 0.3077, 0.2990

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.



65.5294, 0.3267, 0.3110



65.5294, 0.3171, 0.3597



65.5294, 0.2901, 0.2971

Square

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



65.5294, 0.3171, 0.3597



65.5294, 0.2767, 0.3139



65.5294, 0.3074, 0.3006



65.5294, 0.3501, 0.3423

Rectangle

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



65.5294, 0.3171, 0.3597



65.5294, 0.2878, 0.3369



65.5294, 0.3074, 0.3006



65.5294, 0.3379, 0.3207

Sweetspot

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



65.5322, 0.3171, 0.3597



98.0469, 0.3142, 0.3389



63.9983, 0.3317, 0.3494



20.9094, 0.3145, 0.3408



0.0000, 0.0000, 0.0000



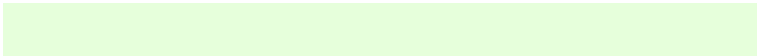
21.4041, 0.3127, 0.3290

Same Dimension

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



65.5322, 0.3171, 0.3597



93.5247, 0.3179, 0.3656



64.6764, 0.3081, 0.3544



14.8000, 0.3162, 0.3528



30.8107, 0.3151, 0.5880



2.0408, 0.3276, 0.5781

Inverse Universe

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



55.8140, 0.3077, 0.2990



77.2710, 0.3067, 0.2935



56.7697, 0.3177, 0.3049



13.0629, 0.3089, 0.3056



7.0201, 0.2446, 0.1121



0.4995, 0.2574, 0.1191

Previews

White Background



This preview shows how the Yxy color 65.5294, 0.3171, 0.3597 looks on a white background.

Color Contrast Check

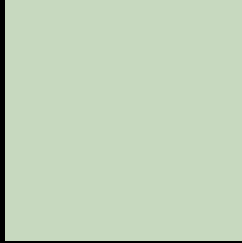
Large Text (above 18pt) WCAG AA × Fail

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 65.5294, 0.3171, 0.3597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

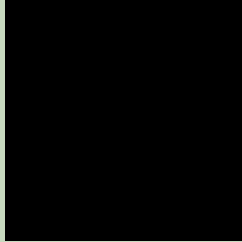
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

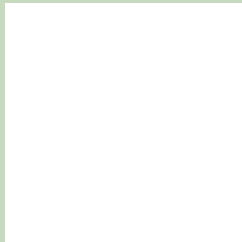
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.5294, 0.3171, 0.3597

Background



This preview shows how black text looks on a background with the Yxy color 65.5294, 0.3171, 0.3597.



This preview shows how white text looks on a background with the Yxy color 65.5294, 0.3171, 0.3597.

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

65.5294, 0.3171, 0.3597

Protanopia

65.5915, 0.3366, 0.3550

Deuteranopia

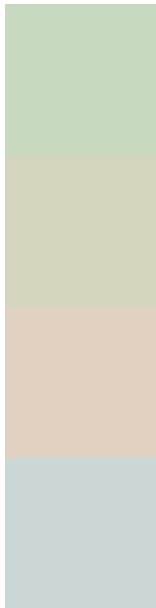
65.2579, 0.3469, 0.3399



Tritanopia

65.6675, 0.2970, 0.3110

Trichromacy



Original Color

65.5294, 0.3171, 0.3597

Protanomaly

65.4088, 0.3294, 0.3566

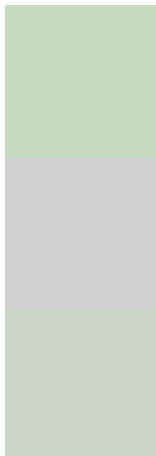
Deuteranomaly

65.2985, 0.3357, 0.3470

Tritanomaly

65.6959, 0.3041, 0.3278

Monochromacy



Original Color

65.5294, 0.3171, 0.3597

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.3304, 0.3144, 0.3406

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.5294, 0.3171, 0.3597 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, 217, 191)` looks like.

```
.text, #text, p{  
    color:rgb(199, 217, 191)  
}
```

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, 217, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 217, 191) }
```

Border

The CSS property to change the border of an element to Yxy 65.5294, 0.3171, 0.3597 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, 217, 191) }
```

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

```
.border{ border-color:rgb(199, 217, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 217, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 217, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 217, 191);  
box-shadow:4px 4px 4px 4px rgb(199, 217,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 65.5294, 0.3171, 0.3597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 217, 191) }
```

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

```
.background{ background-color: rgb(199,  
217, 191) }
```

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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