

Converting Colors

$Yxy(65.7288, 0.3135, 0.3586)$

Have a look what the booklet for
Yxy(65.7288, 0.3135, 0.3586)
contains.

Yxy(65.7288, 0.3135, 0.3586)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(65.7288, 0.3135, 0.3586)

Conversions

Conversions Part 1

Format	Color
Hex	C4DAC1
RGB	196, 218, 193
RGB Percent	77%, 85%, 76%
CMY	0.2313, 0.1451, 0.2432
CMYK	0.10, 0.00, 0.11, 0.15
HSL	113°, 25%, 81%
HSV	113°, 11%, 85%
XYZ	57.4623, 65.7288, 60.1017
YIQ	208.5720, -5.0870, -12.4390

Conversions

Conversions Part 2

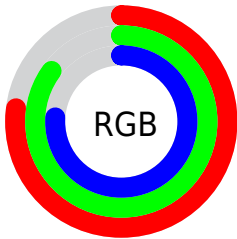
Format	Color
RYB	193, 218, 215
Decimal	12901057
CIELab	84.86, -11.95, 9.83
CIELCh	85, 15.474, 140.551
Yxy	65.7288, 0.3135, 0.3586
Android (android.graphics.Color)	4291091137 (0xFFC4DAC1)
YUV	208.5720, -7.6770, -11.0256
Hunter-Lab	81.0733, -15.3629, 12.7981

Details

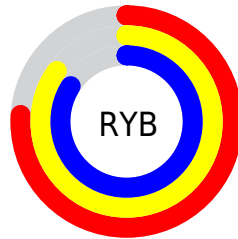
The Yxy color **65.7288, 0.3135, 0.3586** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.6405, 0.3117, 0.3007**, and the grayscale version is **63.5224, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2422, 0.3149, 0.3348**, and **33.8092, 0.3138, 0.3669** is the 20% darker color. If you saturate the color by 10%, you get **62.4210, 0.3140, 0.3878**, and if you desaturate by 10%, it is **69.5140, 0.3128, 0.3326**.

Distribution



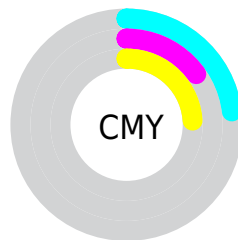
- Red (77%)
- Green (85%)
- Blue (76%)



- Red (76%)
- Yellow (85%)
- Blue (84%)



- Cyan (10%)
- Magenta (0%)
- Yellow (11%)
- Black (15%)




- Cyan (23%)
- Magenta (15%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.7288, 0.3135, 0.3586 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 65.7288, 0.3135, 0.3586 by changing the saturation by 10% instead.


 65.7288, 0.3135,
0.3586

 65.7288, 0.3135,
0.3586

445.4064, 0.3133,
0.3444

 48.0523, 0.3135,
0.3620


 113.0970, 0.3134,
0.3536

 33.8683, 0.3135,
0.3663

143.5575, 0.3134,
0.3516

 22.7924, 0.3135,
0.3718


179.0480, 0.3134,
0.3500

 14.4403, 0.3134,
0.3792

219.9531, 0.3134,
0.3486

 8.4275, 0.3131,
0.3898

266.6571, 0.3133,
0.3473

 4.3697, 0.3125,
0.4059


319.5444, 0.3133,

 1.8825, 0.3107,


0.3462


0.4336


378.9993, 0.3133,
0.3452


 0.5378, 0.2898,
0.7102


 0.0000, 0.0000,
0.0000


 65.7288, 0.3135,
0.3586


 65.7288, 0.3135,
0.3586


 62.4210, 0.3140,
0.3878


 69.5140, 0.3128,
0.3326


 59.5636, 0.3141,
0.4198

 73.7856, 0.3120,
0.3097

 57.1395, 0.3139,
0.4539

 78.3430, 0.3134,
0.2929

 55.1274, 0.3131,
0.4887

 78.6249, 0.3144,
0.2930

■ 53.5043, 0.3117,
0.5221

■ 52.2446, 0.3098,
0.5516

■ 51.3199, 0.3074,
0.5749

■ 50.6972, 0.3048,
0.5904

■ 50.3690, 0.3027,
0.5978

Harmonies

Analogous

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



65.7288, 0.3323, 0.3631



65.7288, 0.3135, 0.3586



65.7288, 0.2949, 0.3453

Triad

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



65.7288, 0.3135, 0.3586



65.7288, 0.2800, 0.2998



65.7288, 0.3451, 0.3291

Complementary

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



65.7288, 0.3135, 0.3586



57.6405, 0.3117, 0.3007

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.



65.7288, 0.3303, 0.3133



65.7288, 0.3135, 0.3586



65.7288, 0.2927, 0.2967

Square

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



65.7288, 0.3135, 0.3586



65.7288, 0.2759, 0.3109



65.7288, 0.3110, 0.3016



65.7288, 0.3510, 0.3453

Rectangle

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



65.7288, 0.3135, 0.3586



65.7288, 0.2850, 0.3337



65.7288, 0.3110, 0.3016



65.7288, 0.3410, 0.3236

Sweetspot

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



65.7316, 0.3135, 0.3586



98.2637, 0.3129, 0.3364



67.1879, 0.3302, 0.3535



20.9355, 0.3130, 0.3384



0.0000, 0.0000, 0.0000



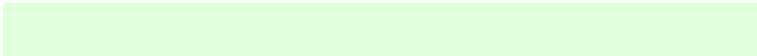
21.4041, 0.3127, 0.3290

Same Dimension

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



65.7316, 0.3135, 0.3586



92.4359, 0.3136, 0.3660



65.7524, 0.3053, 0.3477



14.6812, 0.3134, 0.3530



30.1997, 0.3032, 0.5974



1.9820, 0.3110, 0.5913

Inverse Universe

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



57.6405, 0.3117, 0.3007



78.4907, 0.3114, 0.2940



57.6352, 0.3209, 0.3110



13.1909, 0.3119, 0.3058



9.7513, 0.2908, 0.1375



0.6547, 0.2960, 0.1404

Previews

White Background



This preview shows how the Yxy color 65.7288, 0.3135, 0.3586 looks on a white background.

Color Contrast Check

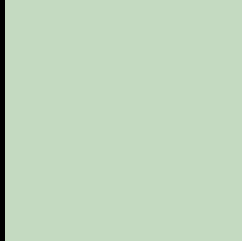
Large Text (above 18pt) WCAG AA × Fail

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 65.7288, 0.3135, 0.3586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

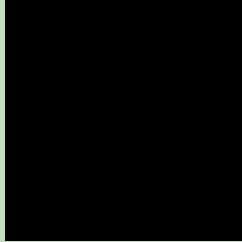
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

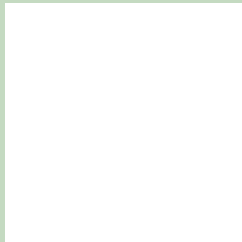
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.7288, 0.3135, 0.3586

Background



This preview shows how black text looks on a background with the Yxy color 65.7288, 0.3135, 0.3586.

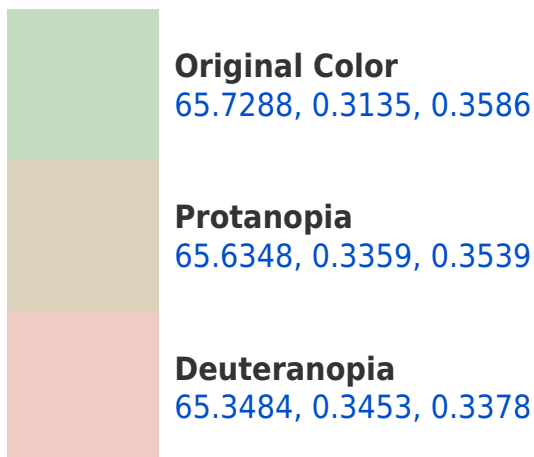


This preview shows how white text looks on a background with the Yxy color 65.7288, 0.3135, 0.3586.

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

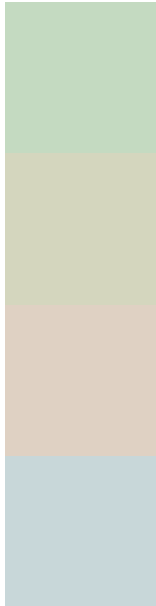




Tritanopia

65.8582, 0.2937, 0.3098

Trichromacy



Original Color

65.7288, 0.3135, 0.3586

Protanomaly

65.8079, 0.3278, 0.3566

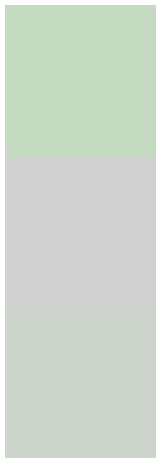
Deuteranomaly

65.2290, 0.3334, 0.3448

Tritanomaly

65.8900, 0.3007, 0.3267

Monochromacy



Original Color

65.7288, 0.3135, 0.3586

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.2361, 0.3130, 0.3394

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.7288, 0.3135, 0.3586 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(196, 218, 193)` looks like.

```
.text, #text, p{  
    color:rgb(196, 218, 193)  
}
```

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(196, 218, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 218, 193) }
```

Border

The CSS property to change the border of an element to Yxy 65.7288, 0.3135, 0.3586 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(196, 218, 193) }
```

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

```
.border{ border-color:rgb(196, 218, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 218, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 218, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 218, 193);  
box-shadow:4px 4px 4px 4px rgb(196, 218,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 65.7288, 0.3135, 0.3586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 218, 193) }
```

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

```
.background{ background-color: rgb(196,  
218, 193) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor