

Converting Colors

Yxy(65.3774, 0.3133, 0.3636)

Have a look what the booklet for
Yxy(65.3774, 0.3133, 0.3636)
contains.

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Color

Yxy(65.1980, 0.3133, 0.3624)

Conversions

Conversions Part 1

Format	Color
Hex	C1DABE
RGB	193, 218, 190
RGB Percent	76%, 85%, 75%
CMY	0.2430, 0.1451, 0.2548
CMYK	0.11, 0.00, 0.13, 0.15
HSL	114°, 27%, 80%
HSV	114°, 13%, 85%
XYZ	56.3646, 65.1980, 58.3436
YIQ	207.3330, -5.9120, -14.0080

Conversions

Conversions Part 2

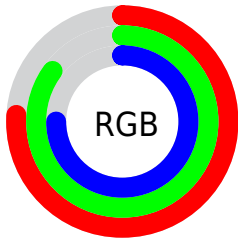
Format	Color
RYB	190, 218, 215
Decimal	12704446
CIELab	84.59, -13.48, 10.98
CIElCh	85, 17.388, 140.850
Yxy	65.1980, 0.3133, 0.3624
Android (android.graphics.Color)	4290894526 (0xFFC1DABE)
YUV	207.3330, -8.5452, -12.5700
Hunter-Lab	80.7453, -16.7015, 13.6809

Details

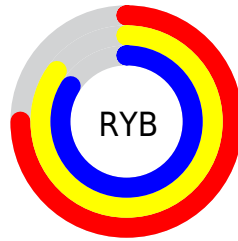
The Yxy color **65.1980, 0.3133, 0.3624** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **56.3476, 0.3118, 0.2973**, and the grayscale version is **62.6868, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4978, 0.3148, 0.3377**, and **33.4895, 0.3126, 0.3705** is the 20% darker color. If you saturate the color by 10%, you get **61.9252, 0.3135, 0.3921**, and if you desaturate by 10%, it is **68.9557, 0.3129, 0.3359**.

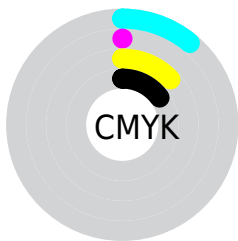
Distribution



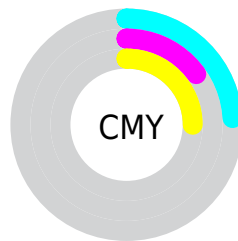
- Red (76%)
- Green (85%)
- Blue (75%)



- Red (75%)
- Yellow (85%)
- Blue (84%)



- Cyan (11%)
- Magenta (0%)
- Yellow (13%)
- Black (15%)





- Cyan (24%)
- Magenta (15%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.1980, 0.3133, 0.3624 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 65.1980, 0.3133, 0.3624 by changing the saturation by 10% instead.

 65.1980, 0.3133,
0.3624

 65.1980, 0.3133,
0.3624


443.5032, 0.3132,
0.3463

 47.6216, 0.3133,
0.3663

 112.3345, 0.3133,
0.3567

 33.5274, 0.3132,
0.3711


142.6634, 0.3133,
0.3545

 22.5307, 0.3131,
0.3774


178.0119, 0.3133,
0.3526

 14.2474, 0.3129,
0.3859

218.7645, 0.3133,
0.3510

 8.2929, 0.3124,
0.3981

265.3055, 0.3132,
0.3496

 4.2830, 0.3114,
0.4167

318.0194, 0.3132,

 1.8331, 0.3086,

0.3484

0.4488

377.2905, 0.3132,
0.3473

0.5077, 0.2320,
0.7680

0.0000, 0.0000,
0.0000

65.1980, 0.3133,
0.3624

65.1980, 0.3133,
0.3624

61.9252, 0.3135,
0.3921

68.9557, 0.3129,
0.3359

59.1094, 0.3134,
0.4246

73.2081, 0.3123,
0.3126

56.7329, 0.3129,
0.4590

77.9478, 0.3119,
0.2927

54.7734, 0.3120,
0.4938

78.6212, 0.3144,
0.2930

■ 53.2066, 0.3105,
0.5270

■ 52.0058, 0.3085,
0.5559

■ 51.1409, 0.3062,
0.5781

■ 50.5767, 0.3038,
0.5923

■ 50.3277, 0.3023,
0.5982

Harmonies

Analogous

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



65.1980, 0.3346, 0.3675



65.1980, 0.3133, 0.3624



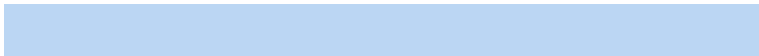
65.1980, 0.2924, 0.3473

Triad

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



65.1980, 0.3133, 0.3624



65.1980, 0.2761, 0.2961



65.1980, 0.3494, 0.3292

Complementary

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



65.1980, 0.3133, 0.3624



56.3476, 0.3118, 0.2973

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.



65.1980, 0.3327, 0.3116



65.1980, 0.3133, 0.3624



65.1980, 0.2903, 0.2927

Square

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



65.1980, 0.3133, 0.3624



65.1980, 0.2714, 0.3083



65.1980, 0.3109, 0.2984



65.1980, 0.3559, 0.3474

Rectangle

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



65.1980, 0.3133, 0.3624



65.1980, 0.2814, 0.3340



65.1980, 0.3109, 0.2984



65.1980, 0.3448, 0.3230

Sweetspot

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



65.2008, 0.3133, 0.3624



97.6738, 0.3129, 0.3389



67.0893, 0.3323, 0.3570



20.8153, 0.3130, 0.3409



0.0000, 0.0000, 0.0000



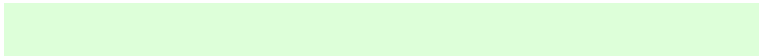
21.4041, 0.3127, 0.3290

Same Dimension

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



65.2008, 0.3133, 0.3624



91.8652, 0.3134, 0.3690



65.2971, 0.3041, 0.3495



14.6727, 0.3132, 0.3530



30.1750, 0.3027, 0.5978



1.9779, 0.3098, 0.5922

Inverse Universe

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



56.3476, 0.3118, 0.2973



77.2078, 0.3116, 0.2914



56.2621, 0.3224, 0.3094



13.2003, 0.3121, 0.3058



9.9834, 0.2942, 0.1394



0.6675, 0.2988, 0.1420

Previews

White Background



This preview shows how the Yxy color 65.1980, 0.3133, 0.3624 looks on a white background.

Color Contrast Check

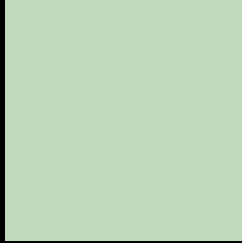
Large Text (above 18pt) WCAG AA × Fail

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 65.1980, 0.3133, 0.3624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

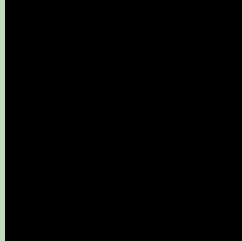
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

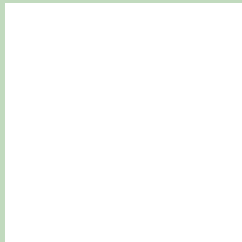
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.1980, 0.3133, 0.3624

Background



This preview shows how black text looks on a background with the Yxy color 65.1980, 0.3133, 0.3624.

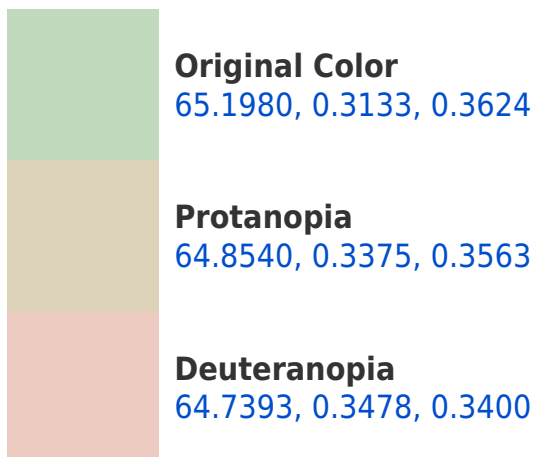


This preview shows how white text looks on a background with the Yxy color 65.1980, 0.3133, 0.3624.

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

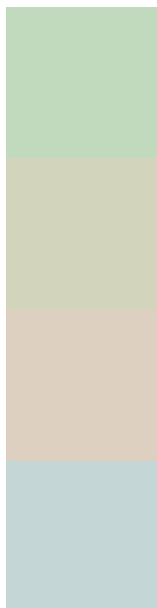




Tritanopia

64.8862, 0.2922, 0.3096

Trichromacy



Original Color

65.1980, 0.3133, 0.3624

Protanomaly

64.8780, 0.3285, 0.3592

Deuteranomaly

64.4471, 0.3350, 0.3471

Tritanomaly

64.8697, 0.2999, 0.3278

Monochromacy



Original Color

65.1980, 0.3133, 0.3624

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

63.3621, 0.3129, 0.3407

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.1980, 0.3133, 0.3624 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(193, 218, 190)` looks like.

```
.text, #text, p{  
    color:rgb(193, 218, 190)  
}
```

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(193, 218, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 218, 190) }
```

Border

The CSS property to change the border of an element to Yxy 65.1980, 0.3133, 0.3624 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(193, 218, 190) }
```

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

```
.border{ border-color:rgb(193, 218, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 218, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 218, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 218, 190);  
box-shadow:4px 4px 4px 4px rgb(193, 218,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 65.1980, 0.3133, 0.3624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 218, 190) }
```

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

```
.background{ background-color: rgb(193,  
218, 190) }
```

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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