

Converting Colors

$Yxy(65.0586, 0.3135, 0.3476)$

Have a look what the booklet for
Yxy(65.0586, 0.3135, 0.3476)
contains.

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Color

Yxy(65.1419, 0.3133, 0.3477)

Conversions

Conversions Part 1

Format	Color
Hex	C9D7C7
RGB	201, 215, 199
RGB Percent	79%, 84%, 78%
CMY	0.2117, 0.1568, 0.2196
CMYK	0.07, 0.00, 0.07, 0.16
HSL	112°, 17%, 81%
HSV	112°, 7%, 84%
XYZ	58.6970, 65.1419, 63.5119
YIQ	208.9900, -3.2080, -7.9440

Conversions

Conversions Part 2

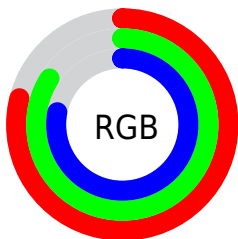
Format	Color
RYB	199, 215, 213
Decimal	13227975
CIELab	84.56, -7.64, 6.27
CIElCh	85, 9.884, 140.655
Yxy	65.1419, 0.3133, 0.3477
Android (android.graphics.Color)	4291418055 (0xFFC9D7C7)
YUV	208.9900, -4.9251, -7.0072
Hunter-Lab	80.7105, -11.4287, 9.8415

Details

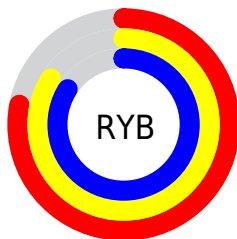
The Yxy color **65.1419, 0.3133, 0.3477** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.8997, 0.3120, 0.3108**, and the grayscale version is **63.7897, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.3890, 0.3135, 0.3523** is the 20% darker color. If you saturate the color by 10%, you get **61.7663, 0.3139, 0.3756**, and if you desaturate by 10%, it is **68.9834, 0.3125, 0.3230**.

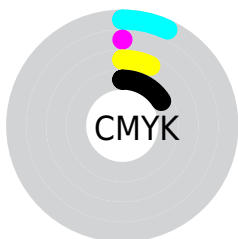
Distribution



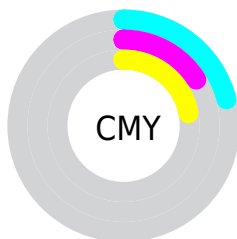
- Red (79%)
- Green (84%)
- Blue (78%)



- Red (78%)
- Yellow (84%)
- Blue (84%)



- Cyan (7%)
- Magenta (0%)
- Yellow (7%)
- Black (16%)



- Cyan (21%)
- Magenta (16%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.1419, 0.3133, 0.3477 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 65.1419, 0.3133, 0.3477 by changing the saturation by 10% instead.

■ 65.1419, 0.3133,
0.3477

■ 65.1419, 0.3133,
0.3477

443.3017, 0.3131,
0.3388

■ 47.5762, 0.3133,
0.3498

112.2538, 0.3132,
0.3445

■ 33.4914, 0.3134,
0.3525

142.5688, 0.3132,
0.3433

■ 22.5031, 0.3134,
0.3559

177.9023, 0.3132,
0.3423

■ 14.2271, 0.3134,
0.3605

218.6388, 0.3132,
0.3414

■ 8.2788, 0.3134,
0.3671

265.1625, 0.3131,
0.3406

■ 4.2738, 0.3133,
0.3770

317.8580, 0.3131,

■ 1.8279, 0.3129,

0.3399

0.3938

377.1096, 0.3131,
0.3393

0.5045, 0.3224,
0.5553

0.0000, 0.0000,
0.0000

65.1419, 0.3133,
0.3477

65.1419, 0.3133,
0.3477

61.7663, 0.3139,
0.3756

68.9834, 0.3125,
0.3230

58.8308, 0.3143,
0.4065

73.2988, 0.3116,
0.3013

56.3198, 0.3143,
0.4398

77.0831, 0.3145,
0.2901

54.2135, 0.3138,
0.4745

■ 52.4905, 0.3127,
0.5086

■ 51.1274, 0.3110,
0.5400

■ 50.0985, 0.3087,
0.5661

■ 49.3740, 0.3061,
0.5849

■ 48.9179, 0.3034,
0.5957

Harmonies

Analogous

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



65.1419, 0.3254, 0.3507



65.1419, 0.3133, 0.3477



65.1419, 0.3013, 0.3394

Triad

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



65.1419, 0.3133, 0.3477



65.1419, 0.2916, 0.3103



65.1419, 0.3334, 0.3293

Complementary

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



65.1419, 0.3133, 0.3477



59.8997, 0.3120, 0.3108

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.



65.1419, 0.3241, 0.3189



65.1419, 0.3133, 0.3477



65.1419, 0.2999, 0.3081

Square

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



65.1419, 0.3133, 0.3477



65.1419, 0.2889, 0.3175



65.1419, 0.3118, 0.3112



65.1419, 0.3371, 0.3397

Rectangle

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



65.1419, 0.3133, 0.3477



65.1419, 0.2949, 0.3320



65.1419, 0.3118, 0.3112



65.1419, 0.3308, 0.3257

Sweetspot

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



65.1447, 0.3133, 0.3477



98.8395, 0.3129, 0.3339



66.0946, 0.3239, 0.3448



21.1679, 0.3129, 0.3337



0.0000, 0.0000, 0.0000



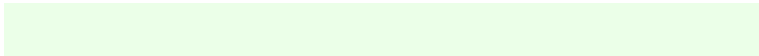
21.4041, 0.3127, 0.3290

Same Dimension

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



65.1447, 0.3133, 0.3477



94.9982, 0.3134, 0.3521



65.1467, 0.3079, 0.3408



13.9697, 0.3134, 0.3530



29.2329, 0.3034, 0.5973



1.7883, 0.3119, 0.5905

Inverse Universe

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



59.8997, 0.3120, 0.3108



85.6805, 0.3118, 0.3067



59.9049, 0.3178, 0.3175



12.5502, 0.3118, 0.3059



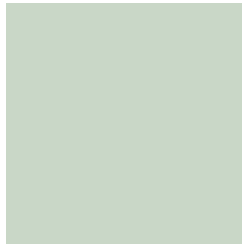
9.3674, 0.2897, 0.1370



0.5876, 0.2954, 0.1401

Previews

White Background



This preview shows how the Yxy color 65.1419, 0.3133, 0.3477 looks on a white background.

Color Contrast Check

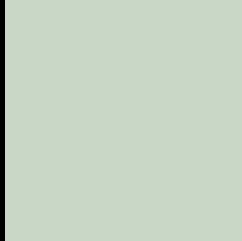
Large Text (above 18pt) WCAG AA × Fail

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 65.1419, 0.3133, 0.3477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

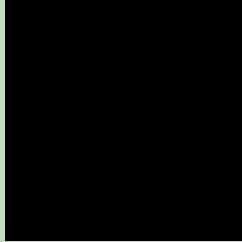
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

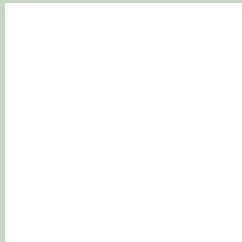
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.1419, 0.3133, 0.3477

Background



This preview shows how black text looks on a background with the Yxy color 65.1419, 0.3133, 0.3477.



This preview shows how white text looks on a background with the Yxy color 65.1419, 0.3133, 0.3477.

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**

65.1419, 0.3133, 0.3477

Protanopia

64.9841, 0.3287, 0.3449

Deuteranopia

65.0649, 0.3391, 0.3323



Tritanopia

65.2564, 0.2984, 0.3110

Trichromacy



Original Color

65.1419, 0.3133, 0.3477

Protanomaly

65.1152, 0.3231, 0.3462

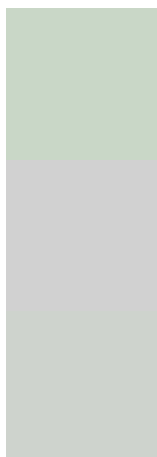
Deuteranomaly

64.9699, 0.3299, 0.3380

Tritanomaly

64.9341, 0.3035, 0.3233

Monochromacy



Original Color

65.1419, 0.3133, 0.3477

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.1181, 0.3131, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.1419, 0.3133, 0.3477 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(201, 215, 199)` looks like.

```
.text, #text, p{  
    color:rgb(201, 215, 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(201, 215, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 215, 199) }
```

Border

The CSS property to change the border of an element to Yxy 65.1419, 0.3133, 0.3477 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(201, 215, 199) }
```

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

```
.border{ border-color:rgb(201, 215, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 215, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 215, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 215, 199);  
box-shadow:4px 4px 4px 4px rgb(201, 215,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 65.1419, 0.3133, 0.3477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 215, 199) }
```

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

```
.background{ background-color: rgb(201,  
215, 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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