

Converting Colors

$Yxy(64.8705, 0.3178, 0.3476)$

Have a look what the booklet for
Yxy(64.8705, 0.3178, 0.3476)
contains.

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Color

Yxy(64.5989, 0.3178, 0.3476)

Conversions

Conversions Part 1

Format	Color
Hex	CDD5C5
RGB	205, 213, 197
RGB Percent	80%, 84%, 77%
CMY	0.1959, 0.1647, 0.2274
CMYK	0.04, 0.00, 0.08, 0.16
HSL	90°, 16%, 80%
HSV	90°, 8%, 84%
XYZ	59.0608, 64.5989, 62.1829
YIQ	208.7840, 0.3680, -6.6720

Conversions

Conversions Part 2

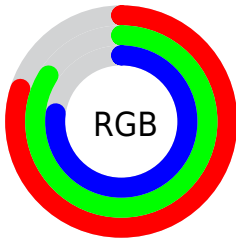
Format	Color
RYB	197, 213, 205
Decimal	13489605
CIELab	84.28, -5.56, 6.96
CIElCh	84, 8.905, 128.623
Yxy	64.5989, 0.3178, 0.3476
Android (android.graphics.Color)	4291679685 (0xFFCDD5C5)
YUV	208.7840, -5.8095, -3.3186
Hunter-Lab	80.3734, -9.4864, 10.3902

Details

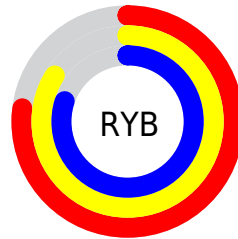
The Yxy color **64.5989, 0.3178, 0.3476** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.7104, 0.3073, 0.3104**, and the grayscale version is **63.6576, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **33.0162, 0.3195, 0.3522** is the 20% darker color. If you saturate the color by 10%, you get **62.2393, 0.3245, 0.3743**, and if you desaturate by 10%, it is **67.2036, 0.3110, 0.3231**.

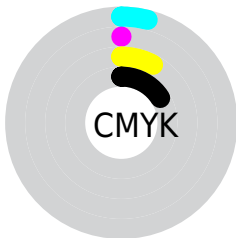
Distribution



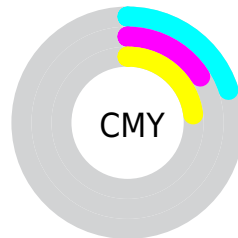
- Red (80%)
- Green (84%)
- Blue (77%)



- Red (77%)
- Yellow (84%)
- Blue (80%)



- Cyan (4%)
- Magenta (0%)
- Yellow (8%)
- Black (16%)



- Cyan (20%)
- Magenta (16%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.5989, 0.3178, 0.3476 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 64.5989, 0.3178, 0.3476 by changing the saturation by 10% instead.

■ 64.5989, 0.3178,
0.3476

■ 64.5989, 0.3178,
0.3476

441.3492, 0.3154,
0.3387

■ 47.1359, 0.3183,
0.3497

111.4730, 0.3170,
0.3445

■ 33.1431, 0.3190,
0.3523

141.6529, 0.3167,
0.3433

■ 22.2361, 0.3199,
0.3558

176.8406, 0.3164,
0.3422

■ 14.0305, 0.3210,
0.3603

217.4204, 0.3161,
0.3413

■ 8.1419, 0.3225,
0.3668

263.7768, 0.3159,
0.3406

■ 4.1859, 0.3247,
0.3766

316.2941, 0.3158,

■ 1.7781, 0.3280,

0.3399

0.3932

375.3568, 0.3156,
0.3393

0.4734, 0.3848,
0.5796

0.0000, 0.0000,
0.0000

64.5989, 0.3178,
0.3476

64.5989, 0.3178,
0.3476

62.2393, 0.3245,
0.3743

67.2036, 0.3110,
0.3231

60.1089, 0.3310,
0.4027

70.0525, 0.3044,
0.3008

58.2020, 0.3368,
0.4324

72.7692, 0.3019,
0.2864

56.5100, 0.3416,
0.4622

74.6410, 0.3092,
0.2874

■ 55.0235, 0.3449,
0.4911

■ 76.0631, 0.3146,
0.2881

■ 53.7320, 0.3463,
0.5175

■ 52.6242, 0.3456,
0.5398

■ 51.6869, 0.3426,
0.5570

■ 50.9028, 0.3378,
0.5686

Harmonies

Analogous

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



64.5989, 0.3278, 0.3481



64.5989, 0.3178, 0.3476



64.5989, 0.3066, 0.3418

Triad

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



64.5989, 0.3178, 0.3476



64.5989, 0.2920, 0.3142



64.5989, 0.3285, 0.3254

Complementary

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



64.5989, 0.3178, 0.3476



57.7104, 0.3073, 0.3104

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.



64.5989, 0.3187, 0.3167



64.5989, 0.3178, 0.3476



64.5989, 0.2976, 0.3103

Square

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



64.5989, 0.3178, 0.3476



64.5989, 0.2918, 0.3223



64.5989, 0.3074, 0.3112



64.5989, 0.3341, 0.3351

Rectangle

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



64.5989, 0.3178, 0.3476



64.5989, 0.2999, 0.3358



64.5989, 0.3074, 0.3112



64.5989, 0.3256, 0.3222

Sweetspot

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



64.6017, 0.3178, 0.3476



99.1988, 0.3141, 0.3339



61.7107, 0.3246, 0.3379



21.2410, 0.3140, 0.3336



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.



64.6017, 0.3178, 0.3476



96.5118, 0.3189, 0.3517



63.5220, 0.3120, 0.3479



14.2001, 0.3191, 0.3526



31.0492, 0.3375, 0.5702



1.9220, 0.3506, 0.5598

Inverse Universe

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



57.7104, 0.3073, 0.3104



84.0951, 0.3061, 0.3063



58.8443, 0.3134, 0.3108



12.3084, 0.3058, 0.3054



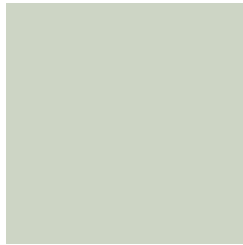
4.8573, 0.2022, 0.0887



0.3422, 0.2211, 0.0992

Previews

White Background



This preview shows how the Yxy color 64.5989, 0.3178, 0.3476 looks on a white background.

Color Contrast Check

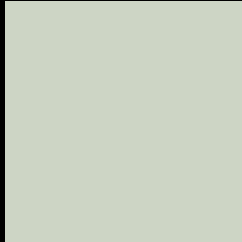
Large Text (above 18pt) WCAG AA × Fail

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 64.5989, 0.3178, 0.3476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

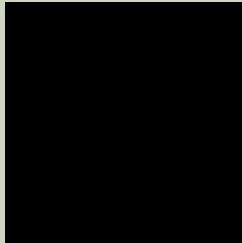
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

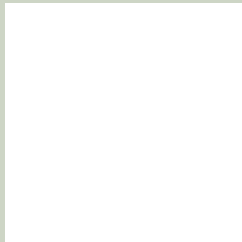
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.5989, 0.3178, 0.3476

Background



This preview shows how black text looks on a background with the Yxy color 64.5989, 0.3178, 0.3476.



This preview shows how white text looks on a background with the Yxy color 64.5989, 0.3178, 0.3476.

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

64.5989, 0.3178, 0.3476

Protanopia

64.2928, 0.3287, 0.3450

Deuteranopia

64.3278, 0.3400, 0.3334



Tritanopia

64.5925, 0.3018, 0.3110

Trichromacy



Original Color

64.5989, 0.3178, 0.3476

Protanomaly

64.2248, 0.3248, 0.3451

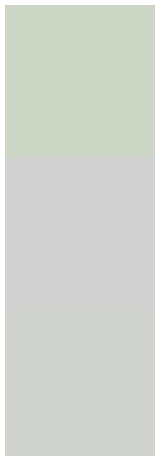
Deuteranomaly

64.3908, 0.3315, 0.3391

Tritanomaly

64.4094, 0.3078, 0.3233

Monochromacy



Original Color

64.5989, 0.3178, 0.3476

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.9109, 0.3147, 0.3348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.5989, 0.3178, 0.3476 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(205, 213, 197)` looks like.

```
.text, #text, p{  
    color:rgb(205, 213, 197)  
}
```

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(205, 213, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 213, 197) }
```

Border

The CSS property to change the border of an element to Yxy 64.5989, 0.3178, 0.3476 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(205, 213, 197) }
```

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

```
.border{ border-color:rgb(205, 213, 197) }
```

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

Here you see how a box with a 4 pixel rgb(205, 213, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 213, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 213, 197);  
box-shadow:4px 4px 4px 4px rgb(205, 213,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 64.5989, 0.3178, 0.3476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 213, 197) }
```

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

```
.background{ background-color: rgb(205,  
213, 197) }
```

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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