

Converting Colors

Yxy(66.3045, 0.3171, 0.3430)

Have a look what the booklet for
Yxy(66.3045, 0.3171, 0.3430)
contains.

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Color

Yxy(66.4205, 0.3171, 0.3439)

Conversions

Conversions Part 1

Format	Color
Hex	D1D7CA
RGB	209, 215, 202
RGB Percent	82%, 84%, 79%
CMY	0.1806, 0.1568, 0.2078
CMYK	0.03, 0.00, 0.06, 0.16
HSL	88°, 14%, 82%
HSV	88°, 6%, 84%
XYZ	61.2444, 66.4205, 65.4741
YIQ	211.7240, 0.5970, -5.3150

Conversions

Conversions Part 2

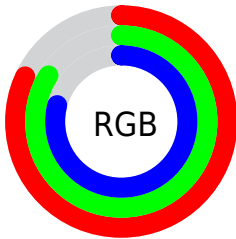
Format	Color
R _Y B	202, 215, 208
Decimal	13752266
CIE Lab	85.21, -4.39, 5.69
CIE LCh	85, 7.186, 127.644
Yxy	66.4205, 0.3171, 0.3439
Android (android.graphics.Color)	4291942346 (0xFFD1D7CA)
YUV	211.7240, -4.7939, -2.3889
Hunter-Lab	81.4988, -8.4844, 9.4170

Details

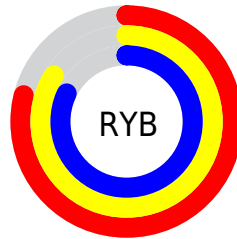
The Yxy color **66.4205, 0.3171, 0.3439** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.5748, 0.3081, 0.3141**, and the grayscale version is **65.6744, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.2483, 0.3186, 0.3472** is the 20% darker color. If you saturate the color by 10%, you get **64.0563, 0.3243, 0.3702**, and if you desaturate by 10%, it is **69.0246, 0.3099, 0.3197**.

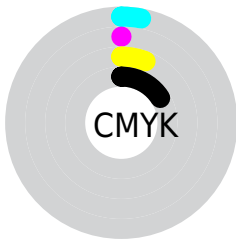
Distribution



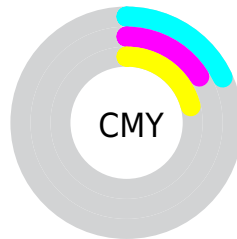
- Red (82%)
- Green (84%)
- Blue (79%)



- Red (79%)
- Yellow (84%)
- Blue (82%)



- Cyan (3%)
- Magenta (0%)
- Yellow (6%)
- Black (16%)



- Cyan (18%)
- Magenta (16%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.4205, 0.3171, 0.3439 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 66.4205, 0.3171, 0.3439 by changing the saturation by 10% instead.

■ 66.4205, 0.3171,
0.3439

■ 66.4205, 0.3171,
0.3439

447.8792, 0.3151,
0.3368

■ 48.6138, 0.3176,
0.3456

114.0897, 0.3164,
0.3414

■ 34.3132, 0.3181,
0.3476

144.7209, 0.3161,
0.3405

■ 23.1343, 0.3189,
0.3503

180.3959, 0.3159,
0.3396

■ 14.6927, 0.3198,
0.3539

221.4989, 0.3157,
0.3389

■ 8.6040, 0.3212,
0.3589

268.4143, 0.3155,
0.3383

■ 4.4838, 0.3231,
0.3664

321.5266, 0.3153,

■ 1.9477, 0.3260,

0.3378

0.3789

381.2201, 0.3152,
0.3373

0.5768, 0.3534,
0.4621

0.0000, 0.0000,
0.0000

66.4205, 0.3171,
0.3439

66.4205, 0.3171,
0.3439

64.0563, 0.3243,
0.3702

69.0246, 0.3099,
0.3197

61.9160, 0.3314,
0.3982

71.8673, 0.3029,
0.2977

59.9944, 0.3378,
0.4275

74.1940, 0.3034,
0.2887

58.2831, 0.3433,
0.4570

75.9913, 0.3104,
0.2896

■ 56.7728, 0.3473,
0.4857

■ 77.0915, 0.3145,
0.2901

■ 55.4536, 0.3494,
0.5120

■ 54.3143, 0.3494,
0.5345

■ 53.3422, 0.3470,
0.5520

■ 52.5219, 0.3426,
0.5640

Harmonies

Analogous

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



66.4205, 0.3250, 0.3442



66.4205, 0.3171, 0.3439



66.4205, 0.3081, 0.3394

Triad

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



66.4205, 0.3171, 0.3439



66.4205, 0.2960, 0.3174



66.4205, 0.3251, 0.3259

Complementary

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



66.4205, 0.3171, 0.3439



60.5748, 0.3081, 0.3141

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.



66.4205, 0.3172, 0.3189



66.4205, 0.3171, 0.3439



66.4205, 0.3004, 0.3140

Square

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



66.4205, 0.3171, 0.3439



66.4205, 0.2960, 0.3240



66.4205, 0.3082, 0.3146



66.4205, 0.3297, 0.3337

Rectangle

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



66.4205, 0.3171, 0.3439



66.4205, 0.3027, 0.3347



66.4205, 0.3082, 0.3146



66.4205, 0.3228, 0.3234

Sweetspot

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



66.4234, 0.3171, 0.3439



99.2269, 0.3142, 0.3339



63.8662, 0.3223, 0.3359



21.2468, 0.3141, 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.



66.4234, 0.3171, 0.3439



97.3564, 0.3178, 0.3465



65.4946, 0.3123, 0.3441



14.3176, 0.3182, 0.3477



31.2966, 0.3416, 0.5670



1.9367, 0.3543, 0.5568

Inverse Universe

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



60.5748, 0.3081, 0.3141



87.3752, 0.3073, 0.3115



61.5372, 0.3131, 0.3143



12.7549, 0.3069, 0.3103



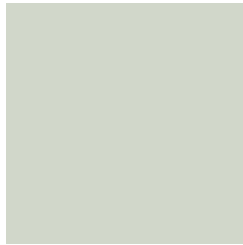
4.6307, 0.1966, 0.0857



0.3283, 0.2159, 0.0963

Previews

White Background



This preview shows how the Yxy color 66.4205, 0.3171, 0.3439 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 66.4205, 0.3171, 0.3439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

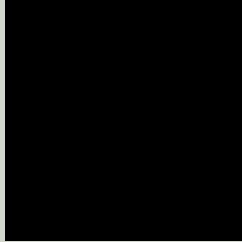
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

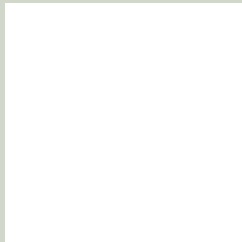
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.4205, 0.3171, 0.3439

Background



This preview shows how black text looks on a background with the Yxy color 66.4205, 0.3171, 0.3439.



This preview shows how white text looks on a background with the Yxy color 66.4205, 0.3171, 0.3439.

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

66.4205, 0.3171, 0.3439

Protanopia

66.3172, 0.3263, 0.3425

Deuteranopia

66.5068, 0.3381, 0.3312



Tritanopia

66.3361, 0.3027, 0.3102

Trichromacy



Original Color

66.4205, 0.3171, 0.3439

Protanomaly

66.2526, 0.3225, 0.3426

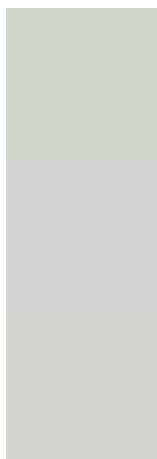
Deuteranomaly

66.2436, 0.3307, 0.3357

Tritanomaly

66.1985, 0.3080, 0.3212

Monochromacy



Original Color

66.4205, 0.3171, 0.3439

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.9914, 0.3147, 0.3347

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.4205, 0.3171, 0.3439 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(209, 215, 202)` looks like.

```
.text, #text, p{  
    color:rgb(209, 215, 202)  
}
```

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(209, 215, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 215, 202) }
```

Border

The CSS property to change the border of an element to Yxy 66.4205, 0.3171, 0.3439 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(209, 215, 202) }
```

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

```
.border{ border-color:rgb(209, 215, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 215, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 215, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 215, 202);  
box-shadow:4px 4px 4px 4px rgb(209, 215,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 66.4205, 0.3171, 0.3439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 215, 202) }
```

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

```
.background{ background-color: rgb(209,  
215, 202) }
```

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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