

Converting Colors

$Yxy(68.1098, 0.3206, 0.3470)$

Have a look what the booklet for
Yxy(68.1098, 0.3206, 0.3470)
contains.

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Color

Yxy(67.9889, 0.3206, 0.3471)

Conversions

Conversions Part 1

Format	Color
Hex	D5D9C9
RGB	213, 217, 201
RGB Percent	84%, 85%, 79%
CMY	0.1647, 0.1490, 0.2116
CMYK	0.02, 0.00, 0.07, 0.15
HSL	75°, 17%, 82%
HSV	75°, 7%, 85%
XYZ	62.7982, 67.9889, 65.0899
YIQ	213.9800, 2.7520, -5.8240

Conversions

Conversions Part 2

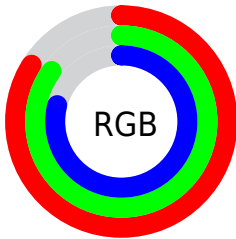
Format	Color
RYB	201, 217, 205
Decimal	14014921
CIELab	86.00, -4.17, 7.38
CIELCh	86, 8.482, 119.481
Yxy	67.9889, 0.3206, 0.3471
Android (android.graphics.Color)	4292205001 (0xFFD5D9C9)
YUV	213.9800, -6.3991, -0.8595
Hunter-Lab	82.4554, -8.3510, 10.9155

Details

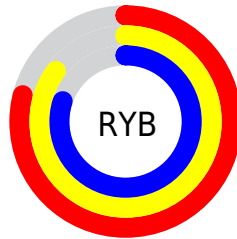
The Yxy color **67.9889, 0.3206, 0.3471** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.7821, 0.3045, 0.3106**, and the grayscale version is **67.2761, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.2163, 0.3222, 0.3514** is the 20% darker color. If you saturate the color by 10%, you get **66.2412, 0.3314, 0.3729**, and if you desaturate by 10%, it is **69.9141, 0.3099, 0.3227**.

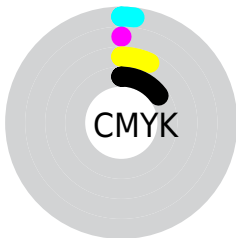
Distribution



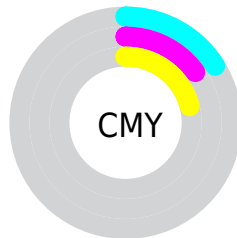
- Red (84%)
- Green (85%)
- Blue (79%)



- Red (79%)
- Yellow (85%)
- Blue (80%)



- Cyan (2%)
- Magenta (0%)
- Yellow (7%)
- Black (15%)



- Cyan (16%)
- Magenta (15%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.9889, 0.3206, 0.3471 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 67.9889, 0.3206, 0.3471 by changing the saturation by 10% instead.

■ 67.9889, 0.3206,
0.3471

■ 67.9889, 0.3206,
0.3471

453.4567, 0.3169,
0.3386

■ 49.8887, 0.3214,
0.3491

116.3363, 0.3193,
0.3441

■ 35.3250, 0.3225,
0.3516

147.3522, 0.3188,
0.3429

■ 23.9133, 0.3238,
0.3548

183.4422, 0.3184,
0.3419

■ 15.2693, 0.3255,
0.3591

224.9907, 0.3180,
0.3411

■ 9.0086, 0.3279,
0.3650

272.3819, 0.3177,
0.3403

■ 4.7468, 0.3313,
0.3739

326.0004, 0.3174,

■ 2.0995, 0.3367,

0.3397

0.3884

386.2306, 0.3172,
0.3391

0.6643, 0.3780,
0.4742

0.0000, 0.0000,
0.0000

67.9889, 0.3206,
0.3471

67.9889, 0.3206,
0.3471

66.2412, 0.3314,
0.3729

69.9141, 0.3099,
0.3227

64.6559, 0.3422,
0.3997

72.0138, 0.2997,
0.3001

63.2292, 0.3523,
0.4268

73.5588, 0.2968,
0.2900

61.9539, 0.3614,
0.4532

74.4698, 0.3005,
0.2904

■ 60.8221, 0.3689,
0.4778

■ 75.4091, 0.3042,
0.2908

■ 59.8252, 0.3744,
0.4994

■ 76.3770, 0.3079,
0.2913

■ 58.9533, 0.3774,
0.5171

■ 77.3737, 0.3117,
0.2917

■ 58.1949, 0.3778,
0.5301

■ 78.1075, 0.3145,
0.2920

■ 57.5348, 0.3759,
0.5385

Harmonies

Analogous

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



67.9889, 0.3291, 0.3461



67.9889, 0.3206, 0.3471



67.9889, 0.3101, 0.3431

Triad

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



67.9889, 0.3206, 0.3471



67.9889, 0.2927, 0.3172



67.9889, 0.3250, 0.3229

Complementary

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



67.9889, 0.3206, 0.3471



59.7821, 0.3045, 0.3106

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.



67.9889, 0.3151, 0.3155



67.9889, 0.3206, 0.3471



67.9889, 0.2965, 0.3121

Square

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



67.9889, 0.3206, 0.3471



67.9889, 0.2941, 0.3256



67.9889, 0.3046, 0.3116



67.9889, 0.3317, 0.3320

Rectangle

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



67.9889, 0.3206, 0.3471



67.9889, 0.3034, 0.3381



67.9889, 0.3046, 0.3116



67.9889, 0.3219, 0.3202

Sweetspot

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



67.9918, 0.3206, 0.3471



99.4341, 0.3149, 0.3339



62.6450, 0.3248, 0.3336



21.2889, 0.3148, 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.



67.9918, 0.3206, 0.3471



97.5338, 0.3225, 0.3515



66.8286, 0.3147, 0.3474



15.0909, 0.3228, 0.3524



34.7800, 0.3758, 0.5398



2.2929, 0.3832, 0.5339

Inverse Universe

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



59.7821, 0.3045, 0.3106



83.1048, 0.3024, 0.3060



60.9454, 0.3105, 0.3109



12.7742, 0.3020, 0.3051



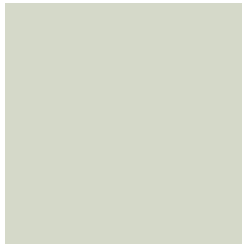
3.5568, 0.1649, 0.0682



0.2711, 0.1817, 0.0775

Previews

White Background



This preview shows how the Yxy color 67.9889, 0.3206, 0.3471 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 67.9889, 0.3206, 0.3471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

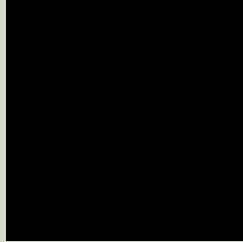
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

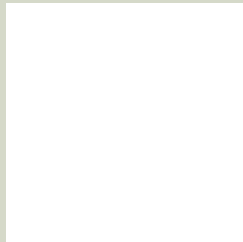
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.9889, 0.3206, 0.3471

Background



This preview shows how black text looks on a background with the Yxy color 67.9889, 0.3206, 0.3471.



This preview shows how white text looks on a background with the Yxy color 67.9889, 0.3206, 0.3471.

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

67.9889, 0.3206, 0.3471

Protanopia

67.7463, 0.3291, 0.3458

Deuteranopia

67.9488, 0.3409, 0.3344



Tritanopia

68.0534, 0.3042, 0.3104

Trichromacy



Original Color

67.9889, 0.3206, 0.3471

Protanomaly

67.8311, 0.3260, 0.3458

Deuteranomaly

67.6758, 0.3335, 0.3389

Tritanomaly

67.8065, 0.3108, 0.3235

Monochromacy



Original Color

67.9889, 0.3206, 0.3471

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.5005, 0.3161, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.9889, 0.3206, 0.3471 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(213, 217, 201)` looks like.

```
.text, #text, p{  
    color:rgb(213, 217, 201)  
}
```

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(213, 217, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 217, 201) }
```

Border

The CSS property to change the border of an element to Yxy 67.9889, 0.3206, 0.3471 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(213, 217, 201) }
```

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

```
.border{ border-color:rgb(213, 217, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 217, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 217, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 217, 201);  
box-shadow:4px 4px 4px 4px rgb(213, 217,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 67.9889, 0.3206, 0.3471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 217, 201) }
```

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

```
.background{ background-color: rgb(213,  
217, 201) }
```

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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