

Converting Colors

Yxy(67.9864, 0.3199, 0.3409)

Have a look what the booklet for
Yxy(67.9864, 0.3199, 0.3409)
contains.

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Color

Yxy(68.1184, 0.3202, 0.3414)

Conversions

Conversions Part 1

Format	Color
Hex	D8D8CD
RGB	216, 216, 205
RGB Percent	85%, 85%, 80%
CMY	0.1530, 0.1529, 0.1962
CMYK	0.00, 0.00, 0.05, 0.15
HSL	60°, 12%, 83%
HSV	60°, 5%, 85%
XYZ	63.8884, 68.1184, 67.5198
YIQ	214.7460, 3.5310, -3.4210

Conversions

Conversions Part 2

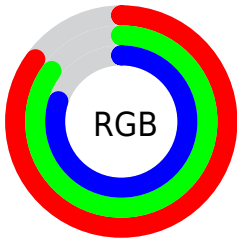
Format	Color
RYB	205, 216, 205
Decimal	14211277
CIELab	86.07, -1.95, 5.42
CIElCh	86, 5.763, 109.750
Yxy	68.1184, 0.3202, 0.3414
Android (android.graphics.Color)	4292401357 (0xFFD8D8CD)
YUV	214.7460, -4.8048, 1.0998
Hunter-Lab	82.5339, -6.2597, 9.2694

Details

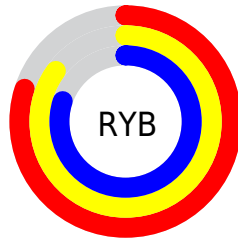
The Yxy color **68.1184, 0.3202, 0.3414** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.5863, 0.3050, 0.3163**, and the grayscale version is **67.8050, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.3012, 0.3217, 0.3438** is the 20% darker color. If you saturate the color by 10%, you get **67.1421, 0.3352, 0.3663**, and if you desaturate by 10%, it is **69.2446, 0.3057, 0.3174**.

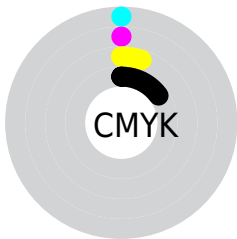
Distribution



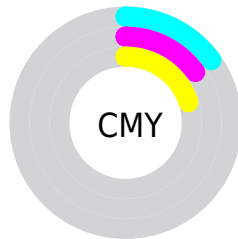
- Red (85%)
- Green (85%)
- Blue (80%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (5%)
- Black (15%)



- Cyan (15%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.1184, 0.3202, 0.3414 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 68.1184, 0.3202, 0.3414 by changing the saturation by 10% instead.

■ 68.1184, 0.3202,
0.3414

■ 68.1184, 0.3202,
0.3414

453.9154, 0.3167,
0.3356

■ 49.9941, 0.3210,
0.3428

116.5215, 0.3190,
0.3394

■ 35.4087, 0.3220,
0.3444

147.5691, 0.3185,
0.3386

■ 23.9779, 0.3233,
0.3466

183.6932, 0.3181,
0.3379

■ 15.3172, 0.3250,
0.3495

225.2782, 0.3178,
0.3373

■ 9.0423, 0.3273,
0.3535

272.7085, 0.3174,
0.3368

■ 4.7688, 0.3307,
0.3594

326.3686, 0.3172,

■ 2.1122, 0.3362,

0.3363

0.3691

386.6427, 0.3169,
0.3359

0.6715, 0.3660,
0.4160

0.0000, 0.0000,
0.0000

68.1184, 0.3202,
0.3414

68.1184, 0.3202,
0.3414

67.1421, 0.3352,
0.3663

69.2446, 0.3057,
0.3174

66.3011, 0.3504,
0.3914

70.5174, 0.2920,
0.2947

65.5919, 0.3652,
0.4160

70.9564, 0.2879,
0.2879

65.0079, 0.3791,
0.4391

70.9635, 0.2879,
0.2879

64.5416, 0.3916,
0.4598

70.9707, 0.2880,
0.2879

64.1851, 0.4020,
0.4771

70.9779, 0.2880,
0.2879

63.9291, 0.4100,
0.4904

70.9850, 0.2880,
0.2879

63.7630, 0.4153,
0.4994

70.9922, 0.2881,
0.2879

63.6738, 0.4181,
0.5042

70.9993, 0.2881,
0.2879

Harmonies

Analogous

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



68.1184, 0.3251, 0.3397



68.1184, 0.3202, 0.3414



68.1184, 0.3133, 0.3397

Triad

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



68.1184, 0.3202, 0.3414



68.1184, 0.2990, 0.3227



68.1184, 0.3191, 0.3230

Complementary

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



68.1184, 0.3202, 0.3414



61.5863, 0.3050, 0.3163

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.



68.1184, 0.3120, 0.3186



68.1184, 0.3202, 0.3414



68.1184, 0.3005, 0.3183

Square

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



68.1184, 0.3202, 0.3414



68.1184, 0.3011, 0.3288



68.1184, 0.3052, 0.3169



68.1184, 0.3245, 0.3290

Rectangle

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



68.1184, 0.3202, 0.3414



68.1184, 0.3086, 0.3369



68.1184, 0.3052, 0.3169



68.1184, 0.3168, 0.3213

Sweetspot

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



68.1214, 0.3202, 0.3414



99.6738, 0.3157, 0.3339



62.6565, 0.3212, 0.3290



21.3377, 0.3155, 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.



68.1214, 0.3202, 0.3414



99.0471, 0.3216, 0.3437



67.2982, 0.3161, 0.3415



14.5797, 0.3224, 0.3450



37.6687, 0.4189, 0.5056



2.2725, 0.4190, 0.5055

Inverse Universe

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



61.5863, 0.3050, 0.3163



87.8423, 0.3036, 0.3138



62.3817, 0.3091, 0.3165



12.7897, 0.3027, 0.3124



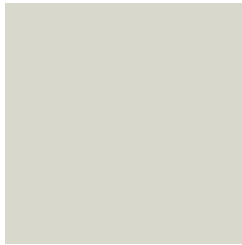
2.9370, 0.1501, 0.0600



0.1776, 0.1503, 0.0602

Previews

White Background



This preview shows how the Yxy color 68.1184, 0.3202, 0.3414 looks on a white background.

Color Contrast Check

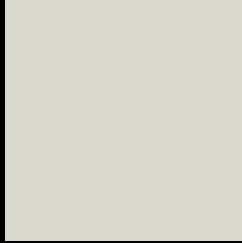
Large Text (above 18pt) WCAG AA × Fail

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 68.1184, 0.3202, 0.3414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

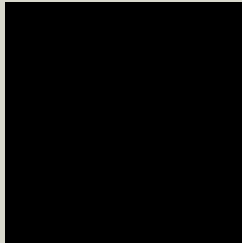
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

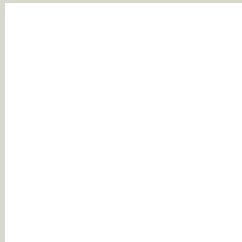
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.1184, 0.3202, 0.3414

Background



This preview shows how black text looks on a background with the Yxy color 68.1184, 0.3202, 0.3414.



This preview shows how white text looks on a background with the Yxy color 68.1184, 0.3202, 0.3414.

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

68.1184, 0.3202, 0.3414

Protanopia

67.9824, 0.3256, 0.3401

Deuteranopia

67.9675, 0.3372, 0.3301



Tritanopia

67.9598, 0.3070, 0.3105

Trichromacy



Original Color

68.1184, 0.3202, 0.3414

Protanomaly

68.1762, 0.3240, 0.3413

Deuteranomaly

68.0337, 0.3313, 0.3345

Tritanomaly

67.8159, 0.3123, 0.3213

Monochromacy



Original Color

68.1184, 0.3202, 0.3414

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.7511, 0.3154, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.1184, 0.3202, 0.3414 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(216, 216, 205)` looks like.

```
.text, #text, p{  
    color:rgb(216, 216, 205)  
}
```

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(216, 216, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 216, 205) }
```

Border

The CSS property to change the border of an element to Yxy 68.1184, 0.3202, 0.3414 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(216, 216, 205) }
```

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

```
.border{ border-color:rgb(216, 216, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 216, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 216, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 216, 205);  
box-shadow:4px 4px 4px 4px rgb(216, 216,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 68.1184, 0.3202, 0.3414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 216, 205) }
```

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

```
.background{ background-color: rgb(216,  
216, 205) }
```

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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