

Converting Colors

Yxy(66.2846, 0.3106, 0.3309)

Have a look what the booklet for
Yxy(66.2846, 0.3106, 0.3309)
contains.

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Color

Yxy(66.4019, 0.3104, 0.3313)

Conversions

Conversions Part 1

Format	Color
Hex	D1D6D4
RGB	209, 214, 212
RGB Percent	82%, 84%, 83%
CMY	0.1806, 0.1607, 0.1687
CMYK	0.02, 0.00, 0.01, 0.16
HSL	156°, 6%, 83%
HSV	156°, 2%, 84%
XYZ	62.2129, 66.4019, 71.8135
YIQ	212.2770, -2.3380, -1.6820

Conversions

Conversions Part 2

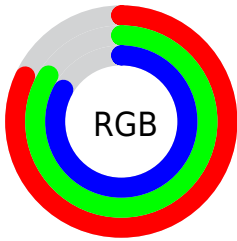
Format	Color
RYB	209, 212, 214
Decimal	13752020
CIELab	85.20, -2.08, 0.39
CIELCh	85, 2.120, 169.330
Yxy	66.4019, 0.3104, 0.3313
Android (android.graphics.Color)	4291942100 (0xFFD1D6D4)
YUV	212.2770, -0.1366, -2.8739
Hunter-Lab	81.4874, -6.3239, 4.7899

Details

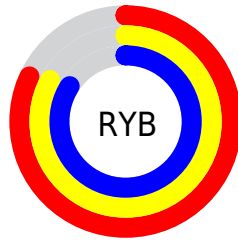
The Yxy color **66.4019, 0.3104, 0.3313** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.5802, 0.3151, 0.3267**, and the grayscale version is **66.0309, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.1992, 0.3107, 0.3320** is the 20% darker color. If you saturate the color by 10%, you get **63.0680, 0.3007, 0.3417**, and if you desaturate by 10%, it is **70.1839, 0.3202, 0.3220**.

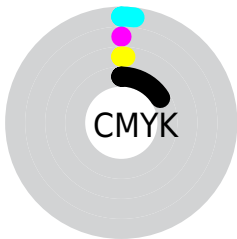
Distribution



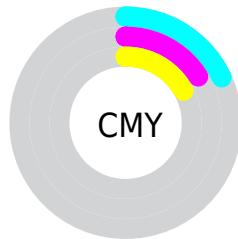
- Red (82%)
- Green (84%)
- Blue (83%)



- Red (82%)
- Yellow (83%)
- Blue (84%)



- Cyan (2%)
- Magenta (0%)
- Yellow (1%)
- Black (16%)



- Cyan (18%)
- Magenta (16%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.4019, 0.3104, 0.3313 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 66.4019, 0.3104, 0.3313 by changing the saturation by 10% instead.

■ 66.4019, 0.3104,
0.3313

■ 66.4019, 0.3104,
0.3313

447.8128, 0.3115,
0.3302

■ 48.5987, 0.3101,
0.3316

114.0630, 0.3108,
0.3309

■ 34.3013, 0.3098,
0.3319

144.6897, 0.3109,
0.3308

■ 23.1251, 0.3094,
0.3323

180.3597, 0.3111,
0.3307

■ 14.6859, 0.3089,
0.3328

221.4573, 0.3112,
0.3305

■ 8.5993, 0.3081,
0.3335

268.3671, 0.3113,
0.3305

■ 4.4807, 0.3070,
0.3346

321.4733, 0.3114,

■ 1.9460, 0.3052,

0.3304

381.1605, 0.3114,
0.3303

0.3365

0.5758, 0.2969,
0.3444

0.0000, 0.0000,
0.0000

66.4019, 0.3104,
0.3313

66.4019, 0.3104,
0.3313

63.0680, 0.3007,
0.3417

70.1839, 0.3202,
0.3220

60.1567, 0.2915,
0.3533

74.4216, 0.3300,
0.3137

57.6529, 0.2829,
0.3659

75.5245, 0.3263,
0.3054

55.5371, 0.2752,
0.3796

76.0418, 0.3204,
0.2972

■ 53.7883, 0.2689,
0.3942

■ 76.5835, 0.3146,
0.2891

■ 52.3834, 0.2641,
0.4095

■ 51.2967, 0.2612,
0.4252

■ 50.4985, 0.2603,
0.4409

■ 49.9533, 0.2614,
0.4564

Harmonies

Analogous

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



66.4019, 0.3130, 0.3330



66.4019, 0.3104, 0.3313



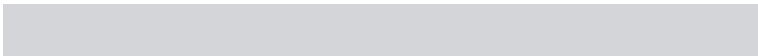
66.4019, 0.3084, 0.3290

Triad

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



66.4019, 0.3104, 0.3313



66.4019, 0.3099, 0.3245



66.4019, 0.3179, 0.3313

Complementary

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



66.4019, 0.3104, 0.3313



64.5802, 0.3151, 0.3267

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.



66.4019, 0.3170, 0.3290



66.4019, 0.3104, 0.3313



66.4019, 0.3124, 0.3251

Square

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



66.4019, 0.3104, 0.3313



66.4019, 0.3081, 0.3251



66.4019, 0.3150, 0.3268



66.4019, 0.3173, 0.3330

Rectangle

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



66.4019, 0.3104, 0.3313



66.4019, 0.3077, 0.3274



66.4019, 0.3150, 0.3268



66.4019, 0.3178, 0.3306

Sweetspot

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



66.4047, 0.3104, 0.3313



99.4537, 0.3117, 0.3300



66.5632, 0.3140, 0.3347



21.2929, 0.3118, 0.3299



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.



66.4047, 0.3104, 0.3313



98.3814, 0.3098, 0.3320



66.2947, 0.3090, 0.3285



14.4367, 0.3090, 0.3327



30.0318, 0.2627, 0.4657



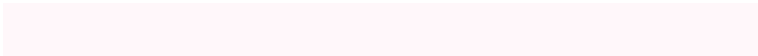
1.8276, 0.2554, 0.4394

Inverse Universe

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



64.5802, 0.3151, 0.3267



94.9246, 0.3158, 0.3261



64.6861, 0.3165, 0.3295



13.8064, 0.3166, 0.3253



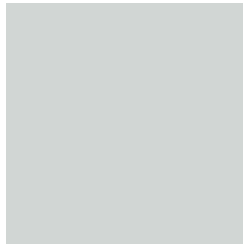
9.0668, 0.5356, 0.2724



0.5630, 0.4900, 0.2473

Previews

White Background



This preview shows how the Yxy color 66.4019, 0.3104, 0.3313 looks on a white background.

Color Contrast Check

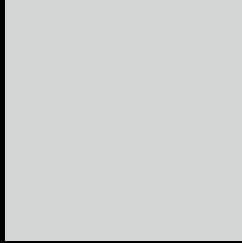
Large Text (above 18pt) WCAG AA × Fail

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 66.4019, 0.3104, 0.3313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

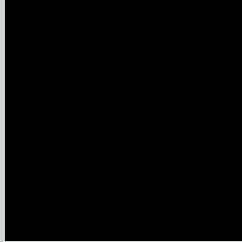
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

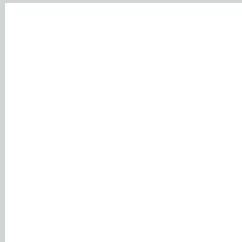
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.4019, 0.3104, 0.3313

Background



This preview shows how black text looks on a background with the Yxy color 66.4019, 0.3104, 0.3313.

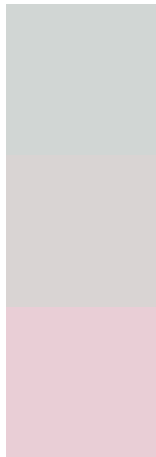


This preview shows how white text looks on a background with the Yxy color 66.4019, 0.3104, 0.3313.

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

66.4019, 0.3104, 0.3313

Protanopia

66.5418, 0.3171, 0.3301

Deuteranopia

66.3213, 0.3276, 0.3204



Tritanopia

66.6855, 0.3020, 0.3113

Trichromacy



Original Color

66.4019, 0.3104, 0.3313

Protanomaly

66.5878, 0.3148, 0.3313

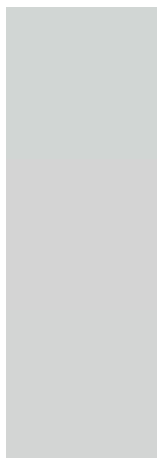
Deuteranomaly

66.2523, 0.3212, 0.3246

Tritanomaly

66.7113, 0.3052, 0.3189

Monochromacy



Original Color

66.4019, 0.3104, 0.3313

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.1908, 0.3119, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.4019, 0.3104, 0.3313 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, 214, 212)` looks like.

```
.text, #text, p{  
    color:rgb(209, 214, 212)  
}
```

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, 214, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 214, 212) }
```

Border

The CSS property to change the border of an element to Yxy 66.4019, 0.3104, 0.3313 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, 214, 212) }
```

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

```
.border{ border-color:rgb(209, 214, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 214, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 214, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 214, 212);  
box-shadow:4px 4px 4px 4px rgb(209, 214,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 66.4019, 0.3104, 0.3313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 214, 212) }
```

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

```
.background{ background-color: rgb(209,  
214, 212) }
```

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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