

Converting Colors

$Yxy(63.8205, 0.3092, 0.3230)$

Have a look what the booklet for
Yxy(63.8205, 0.3092, 0.3230)
contains.

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Color

Yxy(64.0113, 0.3093, 0.3233)

Conversions

Conversions Part 1

Format	Color
Hex	D1D1D6
RGB	209, 209, 214
RGB Percent	82%, 82%, 84%
CMY	0.1802, 0.1804, 0.1608
CMYK	0.02, 0.02, 0.00, 0.16
HSL	240°, 6%, 83%
HSV	240°, 2%, 84%
XYZ	61.2394, 64.0113, 72.7428
YIQ	209.5700, -1.6050, 1.5550

Conversions

Conversions Part 2

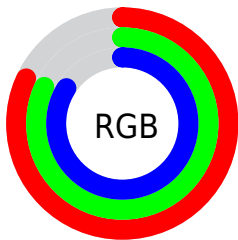
Format	Color
RYB	209, 209, 214
Decimal	13750742
CIELab	83.97, 0.94, -2.47
CIElCh	84, 2.647, 290.777
Yxy	64.0113, 0.3093, 0.3233
Android (android.graphics.Color)	4291940822 (0xFFD1D1D6)
YUV	209.5700, 2.1840, -0.4999
Hunter-Lab	80.0071, -3.3840, 2.0982

Details

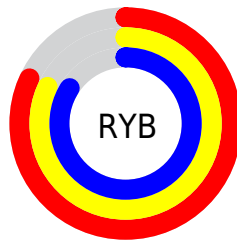
The Yxy color **64.0113, 0.3093, 0.3233** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.9840, 0.3161, 0.3346**, and the grayscale version is **64.1430, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.9145, 0.3091, 0.3230** is the 20% darker color. If you saturate the color by 10%, you get **51.3163, 0.2934, 0.2968**, and if you desaturate by 10%, it is **78.5345, 0.3231, 0.3464**.

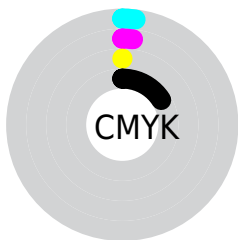
Distribution



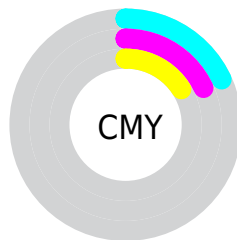
- Red (82%)
- Green (82%)
- Blue (84%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.0113, 0.3093, 0.3233 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 64.0113, 0.3093, 0.3233 by changing the saturation by 10% instead.

■ 64.0113, 0.3093,
0.3233

■ 64.0113, 0.3093,
0.3233

439.2304, 0.3109,
0.3260

■ 46.6598, 0.3089,
0.3227

110.6272, 0.3099,
0.3243

■ 32.7668, 0.3084,
0.3219

140.6604, 0.3101,
0.3246

■ 21.9479, 0.3078,
0.3209

175.6897, 0.3103,
0.3249

■ 13.8186, 0.3070,
0.3195

216.0994, 0.3104,
0.3252

■ 7.9946, 0.3059,
0.3176

262.2739, 0.3106,
0.3254

■ 4.0915, 0.3041,
0.3148

314.5977, 0.3107,

■ 1.7249, 0.3013,

0.3257

0.3102

373.4551, 0.3108,
0.3258

0.4397, 0.2877,
0.2869

0.0000, 0.0000,
0.0000

64.0113, 0.3093,
0.3233

64.0113, 0.3093,
0.3233

51.3163, 0.2934,
0.2968

78.5345, 0.3231,
0.3464

40.3694, 0.2754,
0.2669

94.9458, 0.3351,
0.3664

31.0965, 0.2556,
0.2340

97.6349, 0.3370,
0.3691

23.4151, 0.2345,
0.1989

■ 17.2358, 0.2131,
0.1634

■ 12.4603, 0.1927,
0.1298

■ 8.9786, 0.1751,
0.1008

■ 6.6644, 0.1617,
0.0789

■ 5.3662, 0.1535,
0.0655

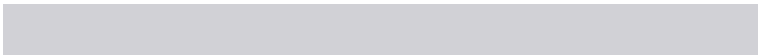
Harmonies

Analogous

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



64.0113, 0.3070, 0.3240



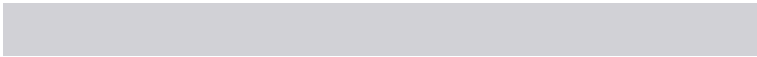
64.0113, 0.3093, 0.3233



64.0113, 0.3125, 0.3242

Triad

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



64.0113, 0.3093, 0.3233



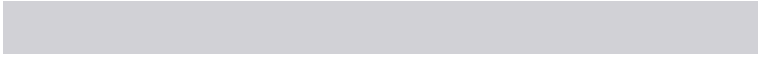
64.0113, 0.3193, 0.3320



64.0113, 0.3096, 0.3318

Complementary

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



64.0113, 0.3093, 0.3233



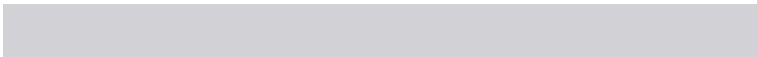
66.9840, 0.3161, 0.3346

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.



64.0113, 0.3129, 0.3340



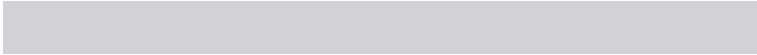
64.0113, 0.3093, 0.3233



64.0113, 0.3185, 0.3341

Square

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



64.0113, 0.3093, 0.3233



64.0113, 0.3183, 0.3292



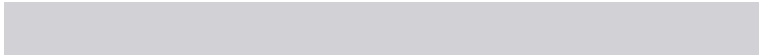
64.0113, 0.3161, 0.3348



64.0113, 0.3072, 0.3288

Rectangle

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



64.0113, 0.3093, 0.3233



64.0113, 0.3148, 0.3255



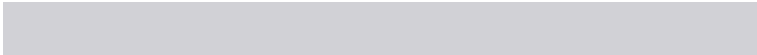
64.0113, 0.3161, 0.3348



64.0113, 0.3107, 0.3326

Sweetspot

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



64.0140, 0.3093, 0.3233



97.9073, 0.3113, 0.3266



66.5009, 0.3091, 0.3290



20.9782, 0.3113, 0.3267



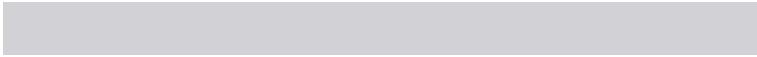
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.0140, 0.3093, 0.3233



93.8051, 0.3083, 0.3216



64.3757, 0.3111, 0.3233



13.6024, 0.3072, 0.3197



2.9436, 0.1503, 0.0602



0.1793, 0.1512, 0.0606

Inverse Universe

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



64.7469, 0.3130, 0.3234



95.2117, 0.3131, 0.3218



66.6168, 0.3143, 0.3347



13.8588, 0.3132, 0.3200



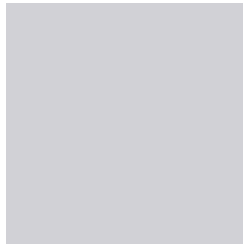
11.5223, 0.3230, 0.1553



0.6956, 0.3226, 0.1551

Previews

White Background



This preview shows how the Yxy color 64.0113, 0.3093, 0.3233 looks on a white background.

Color Contrast Check

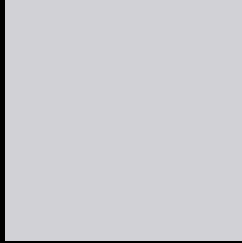
Large Text (above 18pt) WCAG AA × Fail

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 64.0113, 0.3093, 0.3233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

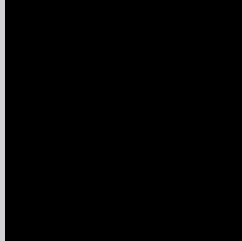
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

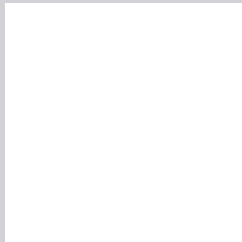
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.0113, 0.3093, 0.3233

Background



This preview shows how black text looks on a background with the Yxy color 64.0113, 0.3093, 0.3233.

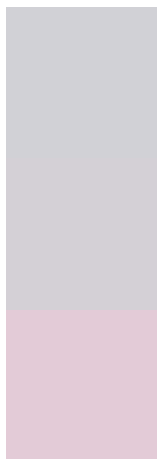


This preview shows how white text looks on a background with the Yxy color 64.0113, 0.3093, 0.3233.

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

64.0113, 0.3093, 0.3233

Protanopia

63.9638, 0.3115, 0.3222

Deuteranopia

63.9491, 0.3226, 0.3159



Tritanopia

63.8563, 0.3040, 0.3099

Trichromacy



Original Color

64.0113, 0.3093, 0.3233

Protanomaly

63.8157, 0.3108, 0.3222

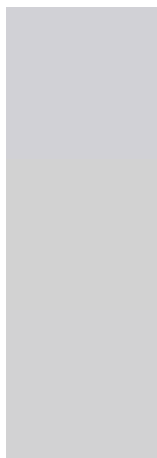
Deuteranomaly

63.7846, 0.3170, 0.3179

Tritanomaly

63.9807, 0.3059, 0.3155

Monochromacy



Original Color

64.0113, 0.3093, 0.3233

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.4980, 0.3120, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.0113, 0.3093, 0.3233 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, 209, 214)` looks like.

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

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, 209, 214) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 64.0113, 0.3093, 0.3233 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, 209, 214) }
```

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

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

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

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

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


Background

The CSS property to change the background color of an element to Yxy 64.0113, 0.3093, 0.3233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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