

Converting Colors

$Yxy(66.0571, 0.3124, 0.3358)$

Have a look what the booklet for
Yxy(66.0571, 0.3124, 0.3358)
contains.

Yxy(66.0571, 0.3124, 0.3358)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(66.0571, 0.3124, 0.3358)

Conversions

Conversions Part 1

Format	Color
Hex	D0D6D0
RGB	208, 214, 208
RGB Percent	82%, 84%, 82%
CMY	0.1842, 0.1608, 0.1842
CMYK	0.03, 0.00, 0.03, 0.16
HSL	120°, 7%, 83%
HSV	120°, 3%, 84%
XYZ	61.4540, 66.0571, 69.2045
YIQ	211.5220, -1.6500, -3.1380

Conversions

Conversions Part 2

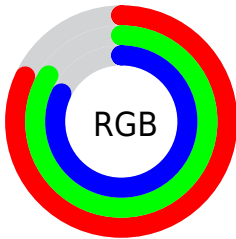
Format	Color
RYB	208, 214, 214
Decimal	13686480
CIELab	85.03, -3.10, 2.22
CIELCh	85, 3.815, 144.339
Yxy	66.0571, 0.3124, 0.3358
Android (android.graphics.Color)	4291876560 (0xFFD0D6D0)
YUV	211.5220, -1.7363, -3.0888
Hunter-Lab	81.2755, -7.2649, 6.4086

Details

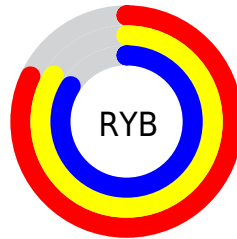
The Yxy color **66.0571, 0.3124, 0.3358** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.2757, 0.3130, 0.3223**, and the grayscale version is **65.5229, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.9994, 0.3124, 0.3365** is the 20% darker color. If you saturate the color by 10%, you get **62.1822, 0.3112, 0.3624**, and if you desaturate by 10%, it is **70.4977, 0.3135, 0.3126**.

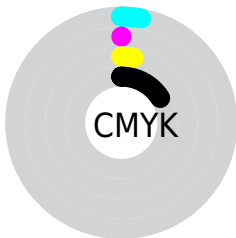
Distribution



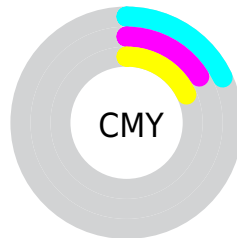
- Red (82%)
- Green (84%)
- Blue (82%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.0571, 0.3124, 0.3358 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 66.0571, 0.3124, 0.3358 by changing the saturation by 10% instead.

■ 66.0571, 0.3124,
0.3358

■ 66.0571, 0.3124,
0.3358

446.5811, 0.3126,
0.3326

■ 48.3188, 0.3124,
0.3366

113.5683, 0.3125,
0.3347

■ 34.0794, 0.3123,
0.3375

144.1099, 0.3125,
0.3342

■ 22.9546, 0.3122,
0.3387

179.6881, 0.3125,
0.3339

■ 14.5600, 0.3122,
0.3403

220.6872, 0.3125,
0.3335

■ 8.5112, 0.3120,
0.3426

267.4917, 0.3125,
0.3333

■ 4.4237, 0.3118,
0.3459

320.4859, 0.3125,

■ 1.9133, 0.3114,

0.3330

0.3516

380.0542, 0.3126,
0.3328

0.5564, 0.3104,
0.3811

0.0000, 0.0000,
0.0000

66.0571, 0.3124,
0.3358

66.0571, 0.3124,
0.3358

62.1822, 0.3112,
0.3624

70.4977, 0.3135,
0.3126

58.8423, 0.3098,
0.3926

75.5165, 0.3144,
0.2926

56.0165, 0.3082,
0.4258

76.5694, 0.3146,
0.2891

53.6792, 0.3066,
0.4612

■ 51.8028, 0.3049,
0.4970

■ 50.3569, 0.3033,
0.5309

■ 49.3072, 0.3019,
0.5601

■ 48.6145, 0.3009,
0.5819

■ 48.2316, 0.3003,
0.5950

Harmonies

Analogous

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



66.0571, 0.3171, 0.3373



66.0571, 0.3124, 0.3358



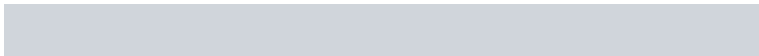
66.0571, 0.3078, 0.3325

Triad

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



66.0571, 0.3124, 0.3358



66.0571, 0.3049, 0.3216



66.0571, 0.3209, 0.3297

Complementary

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



66.0571, 0.3124, 0.3358



64.2757, 0.3130, 0.3223

Split Complementary

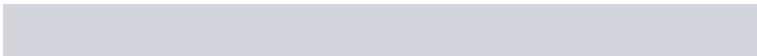
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.0571, 0.3176, 0.3256



66.0571, 0.3124, 0.3358



66.0571, 0.3083, 0.3209

Square

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



66.0571, 0.3124, 0.3358



66.0571, 0.3035, 0.3243



66.0571, 0.3130, 0.3224



66.0571, 0.3220, 0.3337

Rectangle

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



66.0571, 0.3124, 0.3358



66.0571, 0.3055, 0.3297



66.0571, 0.3130, 0.3224



66.0571, 0.3200, 0.3283

Sweetspot

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



66.0599, 0.3124, 0.3358



99.3567, 0.3126, 0.3314



66.8898, 0.3168, 0.3356



21.2732, 0.3126, 0.3313



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.



66.0599, 0.3124, 0.3358



98.0958, 0.3124, 0.3364



66.2025, 0.3105, 0.3325



14.3847, 0.3123, 0.3383



29.0699, 0.3000, 0.6000



1.7535, 0.3001, 0.5999

Inverse Universe

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



64.2757, 0.3130, 0.3223



95.2148, 0.3131, 0.3217



64.1304, 0.3150, 0.3255



13.8594, 0.3131, 0.3199



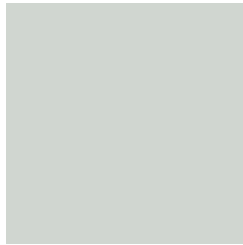
11.5626, 0.3208, 0.1541



0.6975, 0.3208, 0.1541

Previews

White Background



This preview shows how the Yxy color 66.0571, 0.3124, 0.3358 looks on a white background.

Color Contrast Check

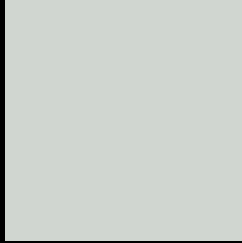
Large Text (above 18pt) WCAG AA × Fail

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 66.0571, 0.3124, 0.3358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

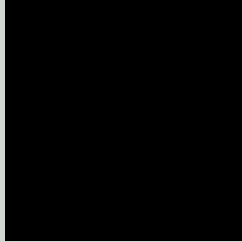
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

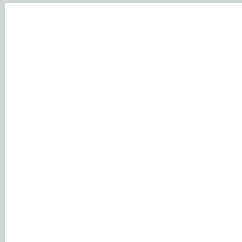
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.0571, 0.3124, 0.3358

Background



This preview shows how black text looks on a background with the Yxy color 66.0571, 0.3124, 0.3358.



This preview shows how white text looks on a background with the Yxy color 66.0571, 0.3124, 0.3358.

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

66.0571, 0.3124, 0.3358

Protanopia

65.7965, 0.3207, 0.3346

Deuteranopia

65.6394, 0.3307, 0.3236



Tritanopia

66.0389, 0.3013, 0.3101

Trichromacy



Original Color

66.0571, 0.3124, 0.3358

Protanomaly

65.8881, 0.3176, 0.3347

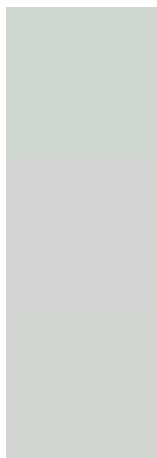
Deuteranomaly

65.5625, 0.3241, 0.3279

Tritanomaly

66.0091, 0.3052, 0.3189

Monochromacy



Original Color

66.0571, 0.3124, 0.3358

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.1405, 0.3126, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.0571, 0.3124, 0.3358 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(208, 214, 208)` looks like.

```
.text, #text, p{  
    color:rgb(208, 214, 208)  
}
```

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(208, 214, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 214, 208) }
```

Border

The CSS property to change the border of an element to Yxy 66.0571, 0.3124, 0.3358 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(208, 214, 208) }
```

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

```
.border{ border-color:rgb(208, 214, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 214, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 214, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 214, 208);  
box-shadow:4px 4px 4px 4px rgb(208, 214,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 66.0571, 0.3124, 0.3358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 214, 208) }
```

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

```
.background{ background-color: rgb(208,  
214, 208) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor