

Converting Colors

Yxy(64.5800, 0.3136, 0.3363)

Have a look what the booklet for
Yxy(64.5800, 0.3136, 0.3363)
contains.

Yxy(64.7601, 0.3138, 0.3371)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(64.7601, 0.3138, 0.3371)

Conversions

Conversions Part 1

Format	Color
Hex	CFD4CD
RGB	207, 212, 205
RGB Percent	81%, 83%, 80%
CMY	0.1884, 0.1686, 0.1962
CMYK	0.02, 0.00, 0.03, 0.17
HSL	103°, 8%, 82%
HSV	103°, 3%, 83%
XYZ	60.2839, 64.7601, 67.0654
YIQ	209.7070, -0.7330, -3.2370

Conversions

Conversions Part 2

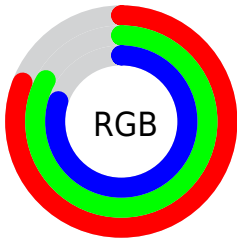
Format	Color
R _Y B	205, 212, 210
Decimal	13620429
CIE Lab	84.36, -2.99, 2.87
CIE LCh	84, 4.144, 136.226
Yxy	64.7601, 0.3138, 0.3371
Android (android.graphics.Color)	4291810509 (0xFFCFD4CD)
YUV	209.7070, -2.3206, -2.3740
Hunter-Lab	80.4737, -7.1120, 6.9203

Details

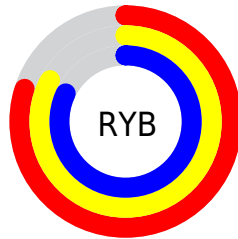
The Yxy color **64.7601, 0.3138, 0.3371** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.1139, 0.3116, 0.3210**, and the grayscale version is **64.2594, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.1206, 0.3142, 0.3381** is the 20% darker color. If you saturate the color by 10%, you get **61.7181, 0.3170, 0.3633**, and if you desaturate by 10%, it is **68.1583, 0.3105, 0.3136**.

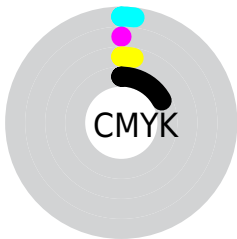
Distribution



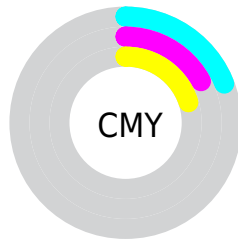
- Red (81%)
- Green (83%)
- Blue (80%)



- Red (80%)
- Yellow (83%)
- Blue (82%)



- Cyan (2%)
- Magenta (0%)
- Yellow (3%)
- Black (17%)



- Cyan (19%)
- Magenta (17%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.7601, 0.3138, 0.3371 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 64.7601, 0.3138, 0.3371 by changing the saturation by 10% instead.

■ 64.7601, 0.3138,
0.3371

■ 64.7601, 0.3138,
0.3371

441.9294, 0.3133,
0.3333

■ 47.2666, 0.3139,
0.3380

111.7049, 0.3136,
0.3357

■ 33.2464, 0.3141,
0.3391

141.9249, 0.3136,
0.3352

■ 22.3153, 0.3142,
0.3406

177.1560, 0.3135,
0.3348

■ 14.0888, 0.3145,
0.3425

217.7823, 0.3135,
0.3344

■ 8.1824, 0.3148,
0.3453

264.1885, 0.3134,
0.3341

■ 4.2119, 0.3153,
0.3494

316.7588, 0.3134,

■ 1.7928, 0.3160,

0.3338

375.8776, 0.3133,
0.3335

0.3563

0.4827, 0.3232,
0.4044

0.0000, 0.0000,
0.0000

64.7601, 0.3138,
0.3371

64.7601, 0.3138,
0.3371

61.7181, 0.3170,
0.3633

68.1583, 0.3105,
0.3136

59.0123, 0.3199,
0.3922

71.9151, 0.3073,
0.2928

56.6334, 0.3224,
0.4234

75.1379, 0.3130,
0.2869

54.5685, 0.3242,
0.4559

75.5767, 0.3147,
0.2871

■ 52.8038, 0.3250,
0.4886

■ 51.3244, 0.3246,
0.5197

■ 50.1139, 0.3227,
0.5471

■ 49.1541, 0.3195,
0.5688

■ 48.4242, 0.3151,
0.5837

Harmonies

Analogous

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



64.7601, 0.3187, 0.3380



64.7601, 0.3138, 0.3371



64.7601, 0.3086, 0.3339

Triad

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



64.7601, 0.3138, 0.3371



64.7601, 0.3035, 0.3215



64.7601, 0.3209, 0.3285

Complementary

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



64.7601, 0.3138, 0.3371



62.1139, 0.3116, 0.3210

Split Complementary

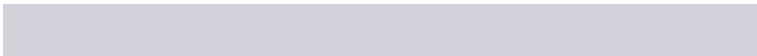
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



64.7601, 0.3168, 0.3242



64.7601, 0.3138, 0.3371



64.7601, 0.3067, 0.3201

Square

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



64.7601, 0.3138, 0.3371



64.7601, 0.3027, 0.3249



64.7601, 0.3116, 0.3211



64.7601, 0.3229, 0.3330

Rectangle

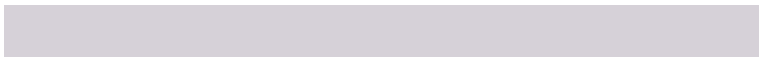
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.7601, 0.3138, 0.3371



64.7601, 0.3057, 0.3310



64.7601, 0.3116, 0.3211



64.7601, 0.3198, 0.3270

Sweetspot

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



64.7629, 0.3138, 0.3371



99.4909, 0.3130, 0.3314



64.5119, 0.3177, 0.3348



21.3005, 0.3130, 0.3313



0.0000, 0.0000, 0.0000



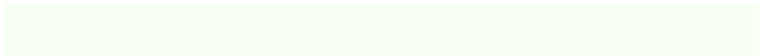
21.4041, 0.3127, 0.3290

Same Dimension

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



64.7629, 0.3138, 0.3371



97.9964, 0.3140, 0.3389



64.5535, 0.3113, 0.3354



14.3890, 0.3143, 0.3406



29.6990, 0.3129, 0.5898



1.8329, 0.3259, 0.5794

Inverse Universe

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



62.1139, 0.3116, 0.3210



93.1237, 0.3113, 0.3192



62.3299, 0.3142, 0.3227



13.5557, 0.3111, 0.3175



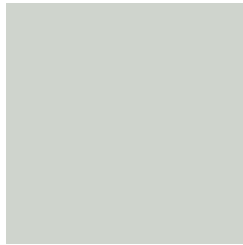
7.1301, 0.2511, 0.1157



0.4707, 0.2636, 0.1226

Previews

White Background



This preview shows how the Yxy color 64.7601, 0.3138, 0.3371 looks on a white background.

Color Contrast Check

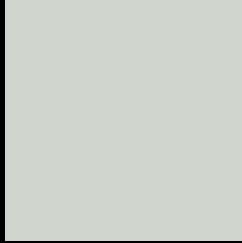
Large Text (above 18pt) WCAG AA × Fail

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 64.7601, 0.3138, 0.3371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

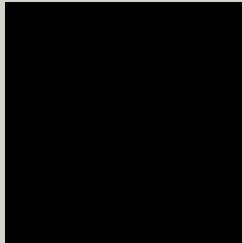
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

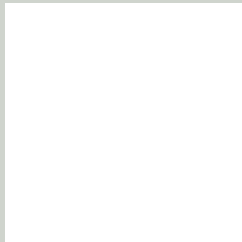
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.7601, 0.3138, 0.3371

Background



This preview shows how black text looks on a background with the Yxy color 64.7601, 0.3138, 0.3371.

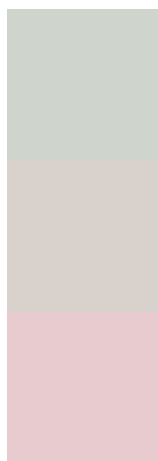


This preview shows how white text looks on a background with the Yxy color 64.7601, 0.3138, 0.3371.

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

64.7601, 0.3138, 0.3371

Protanopia

64.5595, 0.3215, 0.3347

Deuteranopia

64.3727, 0.3324, 0.3247



Tritanopia

64.7388, 0.3026, 0.3111

Trichromacy



Original Color

64.7601, 0.3138, 0.3371

Protanomaly

64.5990, 0.3191, 0.3358

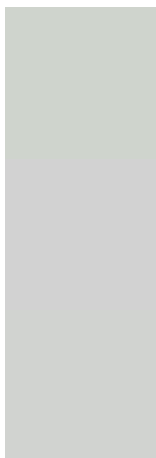
Deuteranomaly

64.2868, 0.3257, 0.3290

Tritanomaly

64.7105, 0.3065, 0.3199

Monochromacy



Original Color

64.7601, 0.3138, 0.3371

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.6979, 0.3133, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.7601, 0.3138, 0.3371 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(207, 212, 205)` looks like.

```
.text, #text, p{  
    color:rgb(207, 212, 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(207, 212, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 212, 205) }
```

Border

The CSS property to change the border of an element to Yxy 64.7601, 0.3138, 0.3371 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(207, 212, 205) }
```

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

```
.border{ border-color:rgb(207, 212, 205) }
```

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

Here you see how a box with a 4 pixel rgb(207, 212, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 212, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 212, 205);  
box-shadow:4px 4px 4px 4px rgb(207, 212,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 64.7601, 0.3138, 0.3371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 212, 205) }
```

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

```
.background{ background-color: rgb(207,  
212, 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](#).

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