

Converting Colors

Yxy(63.6495, 0.3149, 0.3369)

Have a look what the booklet for
Yxy(63.6495, 0.3149, 0.3369)
contains.

Yxy(63.6704, 0.3153, 0.3371)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(63.6704, 0.3153, 0.3371)

Conversions

Conversions Part 1

Format	Color
Hex	CFD2CB
RGB	207, 210, 203
RGB Percent	81%, 82%, 80%
CMY	0.1883, 0.1764, 0.2039
CMYK	0.01, 0.00, 0.03, 0.18
HSL	86°, 7%, 81%
HSV	86°, 3%, 82%
XYZ	59.5529, 63.6704, 65.6536
YIQ	208.3050, 0.4590, -2.8130

Conversions

Conversions Part 2

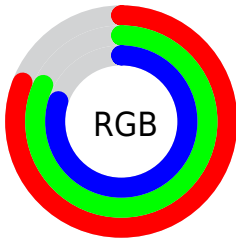
Format	Color
RYP	203, 210, 206
Decimal	13619915
CIELab	83.79, -2.30, 3.09
CIElCh	84, 3.853, 126.582
Yxy	63.6704, 0.3153, 0.3371
Android (android.graphics.Color)	4291809995 (0xFFCFD2CB)
YUV	208.3050, -2.6154, -1.1445
Hunter-Lab	79.7937, -6.4182, 7.0723

Details

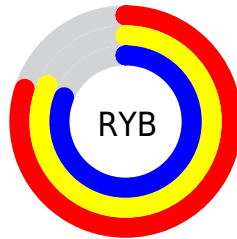
The Yxy color **63.6704, 0.3153, 0.3371** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.4968, 0.3101, 0.3209**, and the grayscale version is **63.3011, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.7192, 0.3162, 0.3397** is the 20% darker color. If you saturate the color by 10%, you get **61.4643, 0.3231, 0.3627**, and if you desaturate by 10%, it is **66.0933, 0.3076, 0.3135**.

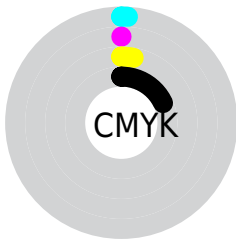
Distribution



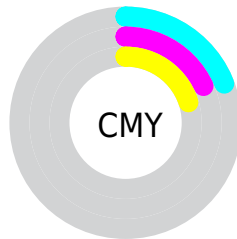
- Red (81%)
- Green (82%)
- Blue (80%)



- Red (80%)
- Yellow (82%)
- Blue (81%)



- Cyan (1%)
- Magenta (0%)
- Yellow (3%)
- Black (18%)



- Cyan (19%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.6704, 0.3153, 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 63.6704, 0.3153, 0.3371 by changing the saturation by 10% instead.

■ 63.6704, 0.3153,
0.3371

■ 63.6704, 0.3153,
0.3371

437.9984, 0.3141,
0.3333

■ 46.3838, 0.3156,
0.3380

110.1361, 0.3149,
0.3357

■ 32.5488, 0.3159,
0.3391

140.0840, 0.3147,
0.3352

■ 21.7810, 0.3164,
0.3406

175.0211, 0.3146,
0.3348

■ 13.6961, 0.3170,
0.3426

215.3318, 0.3144,
0.3344

■ 7.9096, 0.3178,
0.3454

261.4005, 0.3143,
0.3341

■ 4.0371, 0.3191,
0.3495

313.6115, 0.3142,

■ 1.6944, 0.3211,

0.3338

0.3566

372.3494, 0.3142,
0.3335

0.4200, 0.3417,
0.4183

0.0000, 0.0000,
0.0000

63.6704, 0.3153,
0.3371

63.6704, 0.3153,
0.3371

61.4643, 0.3231,
0.3627

66.0933, 0.3076,
0.3135

59.4602, 0.3307,
0.3901


68.7312, 0.3002,
0.2921


57.6536, 0.3379,
0.4188


70.8632, 0.3001,
0.2831

56.0371, 0.3443,
0.4479


72.4477, 0.3065,
0.2840


 54.6026, 0.3493,
0.4764

 74.1126, 0.3130,
0.2849

 53.3411, 0.3525,
0.5028

 74.5795, 0.3148,
0.2851

 52.2429, 0.3536,
0.5259

 51.2970, 0.3523,
0.5443

 50.4900, 0.3487,
0.5575

Harmonies

Analogous

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



63.6704, 0.3195, 0.3372



63.6704, 0.3153, 0.3371



63.6704, 0.3104, 0.3348

Triad

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



63.6704, 0.3153, 0.3371



63.6704, 0.3036, 0.3228



63.6704, 0.3193, 0.3272

Complementary

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



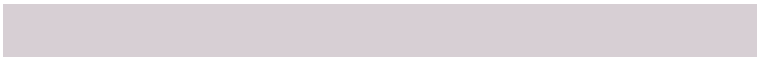
63.6704, 0.3153, 0.3371



60.4968, 0.3101, 0.3209

Split Complementary

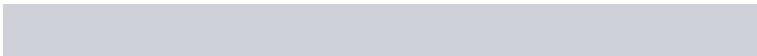
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



63.6704, 0.3150, 0.3234



63.6704, 0.3153, 0.3371



63.6704, 0.3059, 0.3209

Square

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



63.6704, 0.3153, 0.3371



63.6704, 0.3036, 0.3265



63.6704, 0.3101, 0.3211



63.6704, 0.3219, 0.3315

Rectangle

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



63.6704, 0.3153, 0.3371



63.6704, 0.3074, 0.3323



63.6704, 0.3101, 0.3211



63.6704, 0.3180, 0.3258

Sweetspot

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



63.6731, 0.3153, 0.3371



99.6277, 0.3135, 0.3314



62.1786, 0.3179, 0.3325



21.3283, 0.3135, 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.



63.6731, 0.3153, 0.3371



98.5308, 0.3159, 0.3389



63.1746, 0.3127, 0.3372



13.7601, 0.3164, 0.3405



30.5649, 0.3465, 0.5631



1.7554, 0.3595, 0.5528

Inverse Universe

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



60.4968, 0.3101, 0.3209



92.5849, 0.3095, 0.3191



61.0036, 0.3127, 0.3210



12.7965, 0.3089, 0.3175



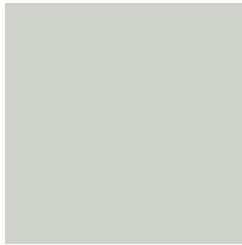
4.2550, 0.1908, 0.0825



0.2844, 0.2117, 0.0940

Previews

White Background



This preview shows how the Yxy color 63.6704, 0.3153, 0.3371 looks on a white background.

Color Contrast Check

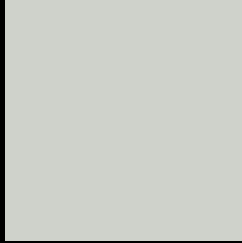
Large Text (above 18pt) WCAG AA × Fail

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 63.6704, 0.3153, 0.3371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

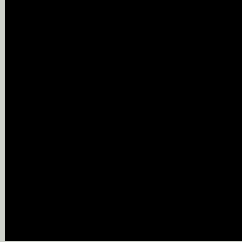
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

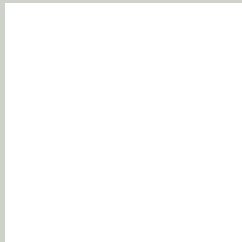
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.6704, 0.3153, 0.3371

Background



This preview shows how black text looks on a background with the Yxy color 63.6704, 0.3153, 0.3371.



This preview shows how white text looks on a background with the Yxy color 63.6704, 0.3153, 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

63.6704, 0.3153, 0.3371

Protanopia

63.6722, 0.3215, 0.3359

Deuteranopia

63.4718, 0.3324, 0.3258



Tritanopia

63.6550, 0.3039, 0.3110

Trichromacy



Original Color

63.6704, 0.3153, 0.3371

Protanomaly

63.7141, 0.3191, 0.3370

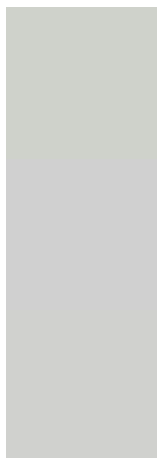
Deuteranomaly

63.5519, 0.3265, 0.3302

Tritanomaly

63.6249, 0.3079, 0.3199

Monochromacy



Original Color

63.6704, 0.3153, 0.3371

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.4671, 0.3141, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.6704, 0.3153, 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, 210, 203)` looks like.

```
.text, #text, p{  
    color:rgb(207, 210, 203)  
}
```

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, 210, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 210, 203) }
```

Border

The CSS property to change the border of an element to Yxy 63.6704, 0.3153, 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, 210, 203) }
```

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

```
.border{ border-color:rgb(207, 210, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 210, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 210, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 210, 203);  
box-shadow:4px 4px 4px 4px rgb(207, 210,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 63.6704, 0.3153, 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, 210, 203) }
```

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

```
.background{ background-color: rgb(207,  
210, 203) }
```

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