

Converting Colors

Yxy(65.2633, 0.3073, 0.3260)

Have a look what the booklet for
Yxy(65.2633, 0.3073, 0.3260)
contains.

Yxy(65.2587, 0.3070, 0.3256)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(65.2587, 0.3070, 0.3256)

Conversions

Conversions Part 1

Format	Color
Hex	CFD4D7
RGB	207, 212, 215
RGB Percent	81%, 83%, 84%
CMY	0.1884, 0.1686, 0.1569
CMYK	0.04, 0.01, 0.00, 0.16
HSL	202°, 9%, 83%
HSV	202°, 4%, 84%
XYZ	61.5308, 65.2587, 73.6365
YIQ	210.8470, -3.9430, -0.1270

Conversions

Conversions Part 2

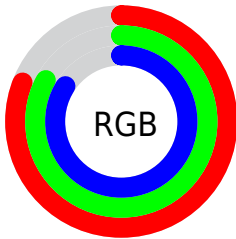
Format	Color
R_{YB}	207, 210, 215
Decimal	13620439
CIE Lab	84.62, -1.16, -2.08
CIE LCh	85, 2.377, 240.833
Yxy	65.2587, 0.3070, 0.3256
Android (android.graphics.Color)	4291810519 (0xFFCFD4D7)
YUV	210.8470, 2.0474, -3.3738
Hunter-Lab	80.7829, -5.4099, 2.5030

Details

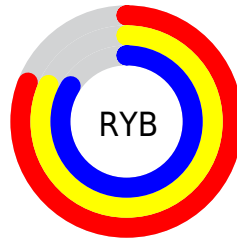
The Yxy color **65.2587, 0.3070, 0.3256** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.0061, 0.3186, 0.3324**, and the grayscale version is **65.0205, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.4243, 0.3062, 0.3245** is the 20% darker color. If you saturate the color by 10%, you get **58.4949, 0.2915, 0.3158**, and if you desaturate by 10%, it is **72.6454, 0.3222, 0.3344**.

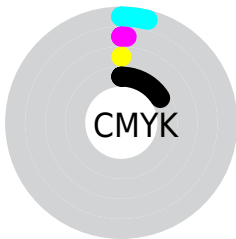
Distribution



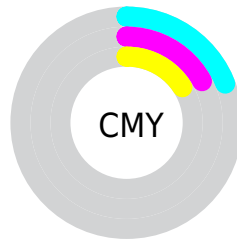
- Red (81%)
- Green (83%)
- Blue (84%)



- Red (81%)
- Yellow (82%)
- Blue (84%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (16%)



- Cyan (19%)
- Magenta (17%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.2587, 0.3070, 0.3256 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 65.2587, 0.3070, 0.3256 by changing the saturation by 10% instead.

■ 65.2587, 0.3070,
0.3256

■ 65.2587, 0.3070,
0.3256

443.7210, 0.3097,
0.3272

■ 47.6709, 0.3064,
0.3252

112.4217, 0.3079,
0.3262

■ 33.5663, 0.3056,
0.3247

142.7657, 0.3083,
0.3264

■ 22.5606, 0.3046,
0.3241

178.1305, 0.3086,
0.3266

■ 14.2694, 0.3032,
0.3233

218.9006, 0.3089,
0.3267

■ 8.3083, 0.3014,
0.3222

265.4602, 0.3091,
0.3269

■ 4.2928, 0.2986,
0.3205

318.1940, 0.3093,

■ 1.8387, 0.2940,

0.3270

0.3177

377.4861, 0.3095,
0.3271

0.5111, 0.2739,
0.3060

0.0000, 0.0000,
0.0000

65.2587, 0.3070,
0.3256

65.2587, 0.3070,
0.3256

58.4949, 0.2915,
0.3158

72.6454, 0.3222,
0.3344

52.3261, 0.2759,
0.3050

80.6655, 0.3368,
0.3422

46.7340, 0.2605,
0.2932

86.0843, 0.3392,
0.3499

41.6964, 0.2457,
0.2806

90.7624, 0.3380,
0.3575

■ 37.1891, 0.2318,
0.2671

■ 95.6469, 0.3368,
0.3651

■ 33.1858, 0.2192,
0.2531

■ 97.6859, 0.3364,
0.3681

■ 29.6573, 0.2083,
0.2388

■ 26.5701, 0.1995,
0.2245

■ 23.8844, 0.1928,
0.2104

Harmonies

Analogous

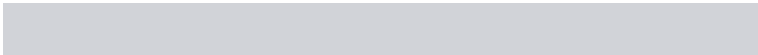
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



65.2587, 0.3073, 0.3280



65.2587, 0.3070, 0.3256



65.2587, 0.3082, 0.3242

Triad

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



65.2587, 0.3070, 0.3256



65.2587, 0.3163, 0.3274



65.2587, 0.3149, 0.3341

Complementary

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



65.2587, 0.3070, 0.3256



65.0061, 0.3186, 0.3324

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.



65.2587, 0.3173, 0.3339



65.2587, 0.3070, 0.3256



65.2587, 0.3181, 0.3300

Square

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



65.2587, 0.3070, 0.3256



65.2587, 0.3136, 0.3252



65.2587, 0.3185, 0.3324



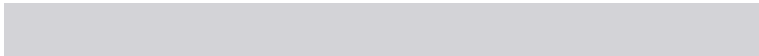
65.2587, 0.3119, 0.3329

Rectangle

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



65.2587, 0.3070, 0.3256



65.2587, 0.3097, 0.3239



65.2587, 0.3185, 0.3324



65.2587, 0.3158, 0.3342

Sweetspot

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



65.2615, 0.3070, 0.3256



98.9193, 0.3112, 0.3281



66.5038, 0.3103, 0.3348



21.1842, 0.3113, 0.3281



0.0000, 0.0000, 0.0000



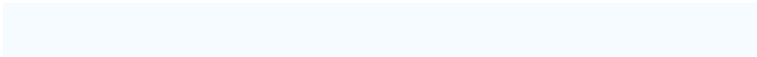
21.4041, 0.3127, 0.3290

Same Dimension

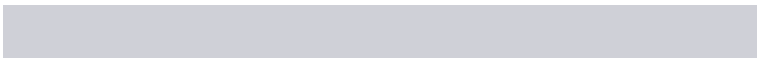
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.2615, 0.3070, 0.3256



95.7331, 0.3065, 0.3253



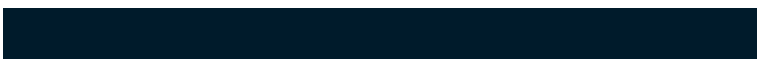
63.2897, 0.3071, 0.3210



14.0010, 0.3055, 0.3247



13.5881, 0.1900, 0.2038



0.9755, 0.1966, 0.2279

Inverse Universe

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



63.8043, 0.3152, 0.3233



93.4233, 0.3154, 0.3228



67.0013, 0.3183, 0.3369



13.6071, 0.3159, 0.3218



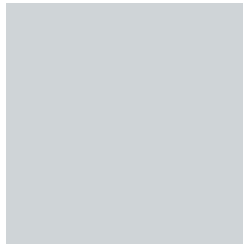
9.7166, 0.4410, 0.2203



0.6018, 0.4148, 0.2059

Previews

White Background



This preview shows how the Yxy color 65.2587, 0.3070, 0.3256 looks on a white background.

Color Contrast Check

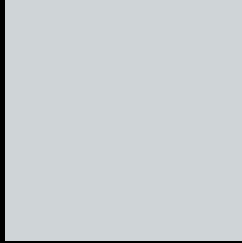
Large Text (above 18pt) WCAG AA × Fail

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 65.2587, 0.3070, 0.3256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

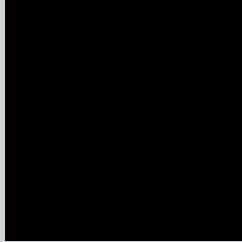
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

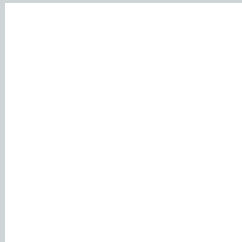
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.2587, 0.3070, 0.3256

Background



This preview shows how black text looks on a background with the Yxy color 65.2587, 0.3070, 0.3256.



This preview shows how white text looks on a background with the Yxy color 65.2587, 0.3070, 0.3256.

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

65.2587, 0.3070, 0.3256

Protanopia

65.2444, 0.3129, 0.3245

Deuteranopia

65.2785, 0.3232, 0.3171



Tritanopia

65.1945, 0.3005, 0.3100

Trichromacy



Original Color

65.2587, 0.3070, 0.3256

Protanomaly

65.2925, 0.3107, 0.3256

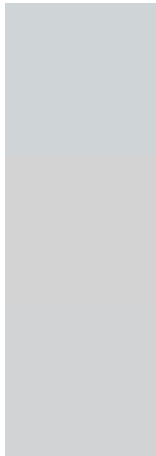
Deuteranomaly

65.4418, 0.3169, 0.3202

Tritanomaly

65.3261, 0.3024, 0.3155

Monochromacy



Original Color

65.2587, 0.3070, 0.3256

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.0436, 0.3113, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.2587, 0.3070, 0.3256 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, 215)` looks like.

```
.text, #text, p{  
    color:rgb(207, 212, 215)  
}
```

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, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 212, 215) }
```

Border

The CSS property to change the border of an element to Yxy 65.2587, 0.3070, 0.3256 is called "border". The border property can be set on classes, ids or directly on the HTML element.

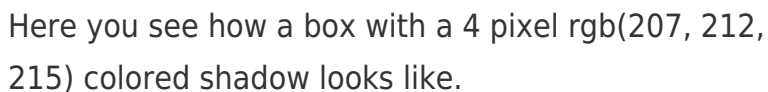
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 212, 215) }
```

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

```
.border{ border-color:rgb(207, 212, 215) }
```

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, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 212, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 212, 215); box-shadow:4px 4px 4px 4px rgb(207, 212, 215) }
```


Background

The CSS property to change the background color of an element to Yxy 65.2587, 0.3070, 0.3256 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, 215) }
```

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

```
.background{ background-color: rgb(207,  
212, 215) }
```

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