

Converting Colors

$Yxy(65.3515, 0.3014, 0.3327)$

Have a look what the booklet for
Yxy(65.3515, 0.3014, 0.3327)
contains.

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Color

Yxy(65.2247, 0.3018, 0.3325)

Conversions

Conversions Part 1

Format	Color
Hex	C5D7D4
RGB	197, 215, 212
RGB Percent	77%, 84%, 83%
CMY	0.2275, 0.1568, 0.1687
CMYK	0.08, 0.00, 0.01, 0.16
HSL	170°, 18%, 81%
HSV	170°, 8%, 84%
XYZ	59.2024, 65.2247, 71.7374
YIQ	209.2760, -9.7650, -4.7490

Conversions

Conversions Part 2

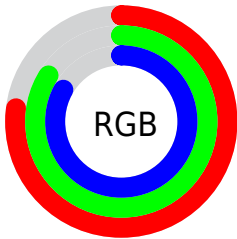
Format	Color
RYB	197, 207, 215
Decimal	12965844
CIELab	84.60, -6.61, -0.58
CIELCh	85, 6.635, 185.043
Yxy	65.2247, 0.3018, 0.3325
Android (android.graphics.Color)	4291155924 (0xFFC5D7D4)
YUV	209.2760, 1.3429, -10.7661
Hunter-Lab	80.7618, -10.4837, 3.8684

Details

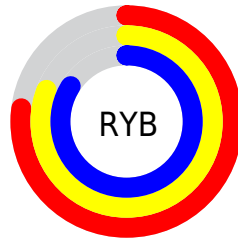
The Yxy color **65.2247, 0.3018, 0.3325** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.5426, 0.3248, 0.3255**, and the grayscale version is **63.9441, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **33.4156, 0.2993, 0.3336** is the 20% darker color. If you saturate the color by 10%, you get **62.3484, 0.2893, 0.3371**, and if you desaturate by 10%, it is **68.5246, 0.3148, 0.3284**.

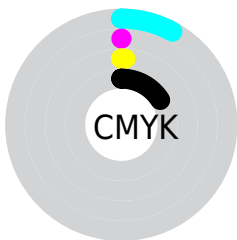
Distribution



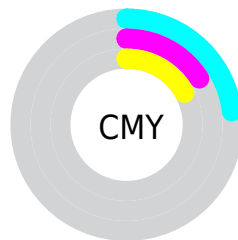
- Red (77%)
- Green (84%)
- Blue (83%)



- Red (77%)
- Yellow (81%)
- Blue (84%)



- Cyan (8%)
- Magenta (0%)
- Yellow (1%)
- Black (16%)



- Cyan (23%)
- Magenta (16%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.2247, 0.3018, 0.3325 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 65.2247, 0.3018, 0.3325 by changing the saturation by 10% instead.

■ 65.2247, 0.3018,
0.3325

■ 65.2247, 0.3018,
0.3325

443.5990, 0.3070,
0.3309

■ 47.6433, 0.3006,
0.3329

112.3728, 0.3036,
0.3319

■ 33.5445, 0.2991,
0.3334

142.7084, 0.3043,
0.3317

■ 22.5439, 0.2972,
0.3340

178.0641, 0.3049,
0.3315

■ 14.2571, 0.2946,
0.3348

218.8244, 0.3054,
0.3314

■ 8.2997, 0.2911,
0.3359

265.3736, 0.3059,
0.3312

■ 4.2873, 0.2858,
0.3375

318.0962, 0.3063,

■ 1.8355, 0.2771,

0.3311

377.3765, 0.3066,
0.3310

0.3401

0.5092, 0.2261,
0.3568

0.0000, 0.0000,
0.0000

65.2247, 0.3018,
0.3325

65.2247, 0.3018,
0.3325

62.3484, 0.2893,
0.3371

68.5246, 0.3148,
0.3284

59.8699, 0.2777,
0.3420

72.2562, 0.3282,
0.3246

57.7733, 0.2672,
0.3473

75.1878, 0.3368,
0.3212

56.0385, 0.2581,
0.3529

75.3853, 0.3342,
0.3176

■ 54.6432, 0.2507,
0.3588

■ 75.5871, 0.3316,
0.3140

■ 53.5630, 0.2452,
0.3648

■ 75.7931, 0.3291,
0.3104

■ 52.7701, 0.2416,
0.3708

■ 76.0033, 0.3266,
0.3069

■ 52.2317, 0.2399,
0.3769

■ 76.2179, 0.3240,
0.3033

■ 51.8988, 0.2399,
0.3829

■ 76.4368, 0.3215,
0.2999

Harmonies

Analogous

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



65.2247, 0.3091, 0.3392



65.2247, 0.3018, 0.3325



65.2247, 0.2974, 0.3250

Triad

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



65.2247, 0.3018, 0.3325



65.2247, 0.3078, 0.3154



65.2247, 0.3286, 0.3392

Complementary

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



65.2247, 0.3018, 0.3325



58.5426, 0.3248, 0.3255

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.



65.2247, 0.3283, 0.3327



65.2247, 0.3018, 0.3325



65.2247, 0.3162, 0.3192

Square

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



65.2247, 0.3018, 0.3325



65.2247, 0.3008, 0.3152



65.2247, 0.3237, 0.3255



65.2247, 0.3247, 0.3430

Rectangle

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



65.2247, 0.3018, 0.3325



65.2247, 0.2967, 0.3205



65.2247, 0.3237, 0.3255



65.2247, 0.3290, 0.3372

Sweetspot

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



65.2275, 0.3018, 0.3325



98.4950, 0.3087, 0.3302



64.9568, 0.3141, 0.3502



20.9980, 0.3077, 0.3306



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.



65.2275, 0.3018, 0.3325



95.2065, 0.2996, 0.3333



62.5239, 0.2998, 0.3223



14.0702, 0.3005, 0.3330



31.0233, 0.2397, 0.3829



1.8809, 0.2368, 0.3725

Inverse Universe

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



58.5426, 0.3248, 0.3255



83.5048, 0.3276, 0.3248



61.0446, 0.3265, 0.3356



12.4546, 0.3265, 0.3251



8.7289, 0.6141, 0.3157



0.5372, 0.5692, 0.2909

Previews

White Background



This preview shows how the Yxy color 65.2247, 0.3018, 0.3325 looks on a white background.

Color Contrast Check

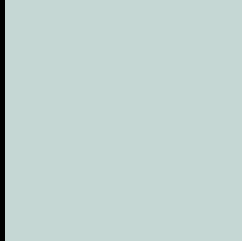
Large Text (above 18pt) WCAG AA × Fail

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 65.2247, 0.3018, 0.3325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

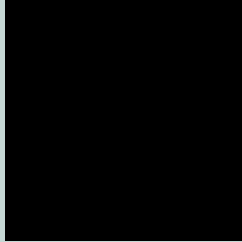
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

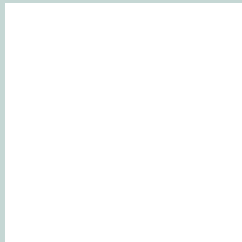
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.2247, 0.3018, 0.3325

Background



This preview shows how black text looks on a background with the Yxy color 65.2247, 0.3018, 0.3325.

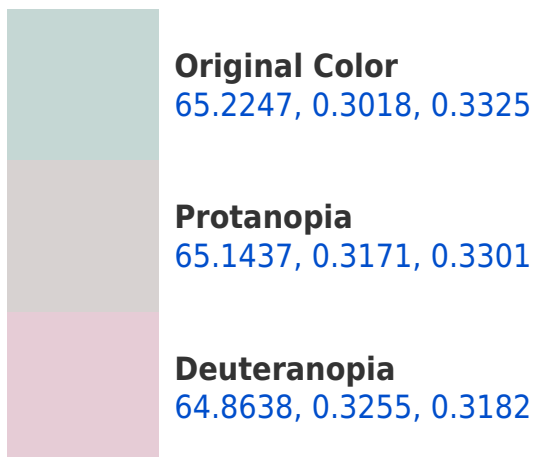


This preview shows how white text looks on a background with the Yxy color 65.2247, 0.3018, 0.3325.

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





Tritanopia

65.0235, 0.2929, 0.3097

Trichromacy



Original Color

65.2247, 0.3018, 0.3325

Protanomaly

65.1500, 0.3111, 0.3313

Deuteranomaly

64.8213, 0.3167, 0.3234

Tritanomaly

65.0583, 0.2961, 0.3175

Monochromacy



Original Color

65.2247, 0.3018, 0.3325

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.2208, 0.3090, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.2247, 0.3018, 0.3325 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(197, 215, 212)` looks like.

```
.text, #text, p{  
    color:rgb(197, 215, 212)  
}
```

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(197, 215, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 215, 212) }
```

Border

The CSS property to change the border of an element to Yxy 65.2247, 0.3018, 0.3325 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(197, 215, 212) }
```

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

```
.border{ border-color:rgb(197, 215, 212) }
```

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

Here you see how a box with a 4 pixel rgb(197, 215, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 215, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 215, 212);  
box-shadow:4px 4px 4px 4px rgb(197, 215,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 65.2247, 0.3018, 0.3325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 215, 212) }
```

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

```
.background{ background-color: rgb(197,  
215, 212) }
```

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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