

Converting Colors

Yxy(65.5803, 0.3103, 0.3399)

Have a look what the booklet for
Yxy(65.5803, 0.3103, 0.3399)
contains.

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Color

Yxy(65.7052, 0.3107, 0.3406)

Conversions

Conversions Part 1

Format	Color
Hex	CBD7CD
RGB	203, 215, 205
RGB Percent	80%, 84%, 80%
CMY	0.2041, 0.1568, 0.1962
CMYK	0.06, 0.00, 0.05, 0.16
HSL	130°, 13%, 82%
HSV	130°, 6%, 84%
XYZ	59.9372, 65.7052, 67.2678
YIQ	210.2720, -3.9420, -5.6540

Conversions

Conversions Part 2

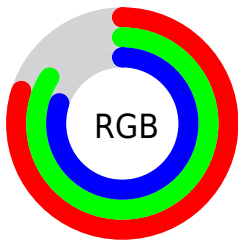
Format	Color
R_{YB}	203, 213, 215
Decimal	13359053
CIE _{Lab}	84.85, -5.91, 3.53
CIE _{LCh}	85, 6.888, 149.132
Yxy	65.7052, 0.3107, 0.3406
Android (android.graphics.Color)	4291549133 (0xFFC _B D7CD)
YUV	210.2720, -2.5991, -6.3775
Hunter-Lab	81.0587, -9.8647, 7.5385

Details

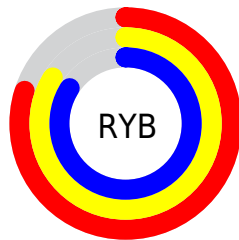
The Yxy color **65.7052, 0.3107, 0.3406** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.9447, 0.3148, 0.3177**, and the grayscale version is **64.6526, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.7655, 0.3102, 0.3428** is the 20% darker color. If you saturate the color by 10%, you get **62.0812, 0.3070, 0.3635**, and if you desaturate by 10%, it is **69.8522, 0.3143, 0.3205**.

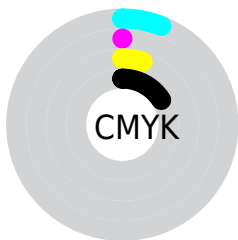
Distribution



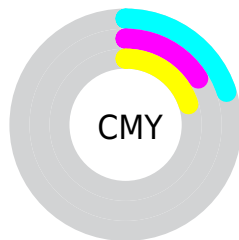
- Red (80%)
- Green (84%)
- Blue (80%)



- Red (80%)
- Yellow (84%)
- Blue (84%)



- Cyan (6%)
- Magenta (0%)
- Yellow (5%)
- Black (16%)



- Cyan (20%)
- Magenta (16%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.7052, 0.3107, 0.3406 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 65.7052, 0.3107, 0.3406 by changing the saturation by 10% instead.

■ 65.7052, 0.3107,
0.3406

■ 65.7052, 0.3107,
0.3406

445.3218, 0.3117,
0.3351

■ 48.0331, 0.3105,
0.3419

113.0631, 0.3110,
0.3387

■ 33.8531, 0.3102,
0.3435

143.5177, 0.3112,
0.3379

■ 22.7808, 0.3098,
0.3456

179.0020, 0.3113,
0.3373

■ 14.4317, 0.3093,
0.3484

219.9003, 0.3114,
0.3367

■ 8.4215, 0.3085,
0.3524

266.5971, 0.3115,
0.3362

■ 4.3659, 0.3074,
0.3583

319.4766, 0.3116,

■ 1.8802, 0.3054,

0.3358

0.3683

378.9234, 0.3116,
0.3354

■ 0.5365, 0.2950,
0.4329

■ 0.0000, 0.0000,
0.0000

■ 65.7052, 0.3107,
0.3406

■ 65.7052, 0.3107,
0.3406

■ 62.0812, 0.3070,
0.3635

■ 69.8522, 0.3143,
0.3205

■ 58.9515, 0.3034,
0.3891

■ 74.5332, 0.3177,
0.3030

■ 56.2969, 0.3000,
0.4173

■ 77.0909, 0.3145,
0.2901

■ 54.0941, 0.2970,
0.4475

■ 52.3175, 0.2946,
0.4787

■ 50.9393, 0.2931,
0.5094

■ 49.9280, 0.2927,
0.5377

■ 49.2474, 0.2935,
0.5618

■ 48.8533, 0.2954,
0.5800

Harmonies

Analogous

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



65.7052, 0.3193, 0.3438



65.7052, 0.3107, 0.3406



65.7052, 0.3027, 0.3341

Triad

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



65.7052, 0.3107, 0.3406



65.7052, 0.2993, 0.3151



65.7052, 0.3282, 0.3314

Complementary

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



65.7052, 0.3107, 0.3406



61.9447, 0.3148, 0.3177

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.



65.7052, 0.3227, 0.3239



65.7052, 0.3107, 0.3406



65.7052, 0.3060, 0.3146

Square

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



65.7052, 0.3107, 0.3406



65.7052, 0.2962, 0.3194



65.7052, 0.3146, 0.3178



65.7052, 0.3295, 0.3384

Rectangle

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



65.7052, 0.3107, 0.3406



65.7052, 0.2988, 0.3289



65.7052, 0.3146, 0.3178



65.7052, 0.3268, 0.3289

Sweetspot

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



65.7080, 0.3107, 0.3406



98.7752, 0.3120, 0.3331



67.0681, 0.3195, 0.3427



21.1548, 0.3120, 0.3329



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.



65.7080, 0.3107, 0.3406



95.8503, 0.3102, 0.3438



66.0042, 0.3067, 0.3336



14.0821, 0.3100, 0.3448



29.1563, 0.2956, 0.5843



1.7693, 0.2875, 0.5550

Inverse Universe

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



61.9447, 0.3148, 0.3177



88.9438, 0.3154, 0.3147



61.6447, 0.3191, 0.3244



13.0008, 0.3156, 0.3137



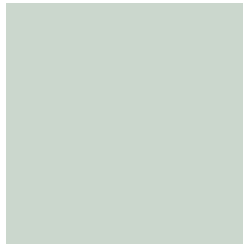
10.5991, 0.3682, 0.1802



0.6490, 0.3587, 0.1750

Previews

White Background



This preview shows how the Yxy color 65.7052, 0.3107, 0.3406 looks on a white background.

Color Contrast Check

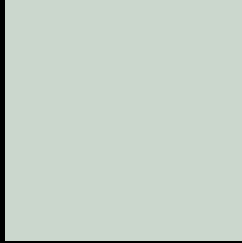
Large Text (above 18pt) WCAG AA × Fail

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 65.7052, 0.3107, 0.3406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

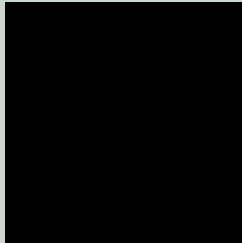
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

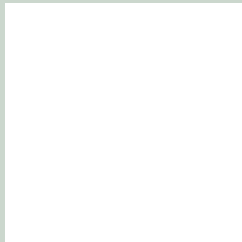
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.7052, 0.3107, 0.3406

Background



This preview shows how black text looks on a background with the Yxy color 65.7052, 0.3107, 0.3406.

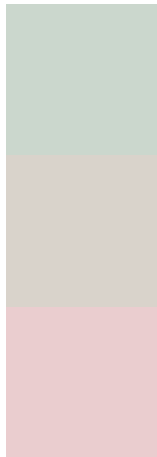


This preview shows how white text looks on a background with the Yxy color 65.7052, 0.3107, 0.3406.

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

65.7052, 0.3107, 0.3406

Protanopia

65.6520, 0.3228, 0.3380

Deuteranopia

65.6601, 0.3337, 0.3269



Tritanopia

65.9538, 0.2984, 0.3111

Trichromacy



Original Color

65.7052, 0.3107, 0.3406

Protanomaly

65.4436, 0.3182, 0.3381

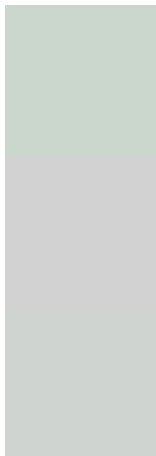
Deuteranomaly

65.7451, 0.3254, 0.3324

Tritanomaly

65.8776, 0.3030, 0.3211

Monochromacy



Original Color

65.7052, 0.3107, 0.3406

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.9064, 0.3118, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.7052, 0.3107, 0.3406 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(203, 215, 205)` looks like.

```
.text, #text, p{  
    color:rgb(203, 215, 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(203, 215, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 215, 205) }
```

Border

The CSS property to change the border of an element to Yxy 65.7052, 0.3107, 0.3406 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(203, 215, 205) }
```

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

```
.border{ border-color:rgb(203, 215, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 215, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 215, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 215, 205);  
box-shadow:4px 4px 4px 4px rgb(203, 215,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 65.7052, 0.3107, 0.3406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 215, 205) }
```

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

```
.background{ background-color: rgb(203,  
215, 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](#).

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