

Converting Colors

Yxy(65.9631, 0.3113, 0.3464)

Have a look what the booklet for
Yxy(65.9631, 0.3113, 0.3464)
contains.

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Color

Yxy(65.7935, 0.3112, 0.3453)

Conversions

Conversions Part 1

Format	Color
Hex	C9D8CA
RGB	201, 216, 202
RGB Percent	79%, 85%, 79%
CMY	0.2119, 0.1529, 0.2078
CMYK	0.07, 0.00, 0.06, 0.15
HSL	124°, 16%, 82%
HSV	124°, 7%, 85%
XYZ	59.2961, 65.7935, 65.4505
YIQ	209.9190, -4.4460, -7.5340

Conversions

Conversions Part 2

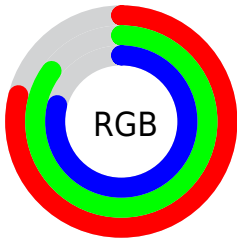
Format	Color
R _Y B	201, 215, 216
Decimal	13228234
CIE Lab	84.89, -7.64, 5.16
CIE LCh	85, 9.220, 145.970
Yxy	65.7935, 0.3112, 0.3453
Android (android.graphics.Color)	4291418314 (0xFFC9D8CA)
YUV	209.9190, -3.9041, -7.8220
Hunter-Lab	81.1132, -11.4594, 8.9379

Details

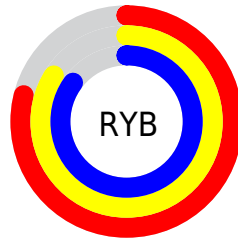
The Yxy color **65.7935, 0.3112, 0.3453** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.2623, 0.3143, 0.3132**, and the grayscale version is **64.4190, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.8309, 0.3108, 0.3491** is the 20% darker color. If you saturate the color by 10%, you get **62.1193, 0.3089, 0.3714**, and if you desaturate by 10%, it is **70.0185, 0.3134, 0.3224**.

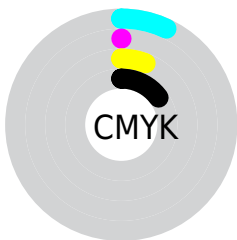
Distribution



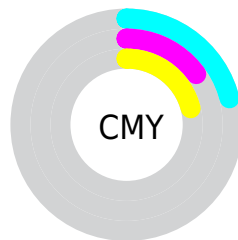
- Red (79%)
- Green (85%)
- Blue (79%)



- Red (79%)
- Yellow (84%)
- Blue (85%)



- Cyan (7%)
- Magenta (0%)
- Yellow (6%)
- Black (15%)



- Cyan (21%)
- Magenta (15%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.7935, 0.3112, 0.3453 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 65.7935, 0.3112, 0.3453 by changing the saturation by 10% instead.

■ 65.7935, 0.3112,
0.3453

■ 65.7935, 0.3112,
0.3453

445.6380, 0.3120,
0.3375

■ 48.1048, 0.3110,
0.3471

113.1899, 0.3115,
0.3426

■ 33.9099, 0.3108,
0.3494

143.6664, 0.3116,
0.3415

■ 22.8244, 0.3104,
0.3524

179.1742, 0.3117,
0.3406

■ 14.4639, 0.3100,
0.3564

220.0979, 0.3117,
0.3398

■ 8.4440, 0.3094,
0.3620

266.8217, 0.3118,
0.3391

■ 4.3803, 0.3083,
0.3705

319.7300, 0.3119,

■ 1.8885, 0.3064,

0.3385

0.3849

379.2073, 0.3119,
0.3380

■ 0.5415, 0.2987,
0.4929

■ 0.0000, 0.0000,
0.0000

■ 65.7935, 0.3112,
0.3453

■ 65.7935, 0.3112,
0.3453

■ 62.1193, 0.3089,
0.3714

■ 70.0185, 0.3134,
0.3224

■ 58.9651, 0.3066,
0.4007

■ 74.8068, 0.3153,
0.3025

■ 56.3101, 0.3042,
0.4327

■ 77.5997, 0.3145,
0.2911

■ 54.1286, 0.3021,
0.4664

■ 52.3927, 0.3002,
0.5003

■ 51.0717, 0.2989,
0.5323

■ 50.1307, 0.2983,
0.5598

■ 49.5295, 0.2983,
0.5806

■ 49.2161, 0.2989,
0.5937

Harmonies

Analogous

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



65.7935, 0.3226, 0.3491



65.7935, 0.3112, 0.3453



65.7935, 0.3003, 0.3369

Triad

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



65.7935, 0.3112, 0.3453



65.7935, 0.2941, 0.3108



65.7935, 0.3330, 0.3311

Complementary

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



65.7935, 0.3112, 0.3453



61.2623, 0.3143, 0.3132

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.



65.7935, 0.3251, 0.3212



65.7935, 0.3112, 0.3453



65.7935, 0.3026, 0.3097

Square

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



65.7935, 0.3112, 0.3453



65.7935, 0.2906, 0.3169



65.7935, 0.3139, 0.3135



65.7935, 0.3354, 0.3406

Rectangle

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



65.7935, 0.3112, 0.3453



65.7935, 0.2948, 0.3300



65.7935, 0.3139, 0.3135



65.7935, 0.3309, 0.3277

Sweetspot

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



65.7963, 0.3112, 0.3453



98.7434, 0.3123, 0.3336



67.7839, 0.3222, 0.3460



21.1483, 0.3123, 0.3333



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.



65.7963, 0.3112, 0.3453



95.1707, 0.3110, 0.3480



66.1599, 0.3062, 0.3365



13.9097, 0.3107, 0.3514



29.0952, 0.2987, 0.5952



1.7599, 0.2946, 0.5806

Inverse Universe

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



61.2623, 0.3143, 0.3132



87.5776, 0.3145, 0.3107



60.8859, 0.3197, 0.3216



12.6172, 0.3148, 0.3076



11.1468, 0.3389, 0.1641



0.6769, 0.3355, 0.1622

Previews

White Background



This preview shows how the Yxy color 65.7935, 0.3112, 0.3453 looks on a white background.

Color Contrast Check

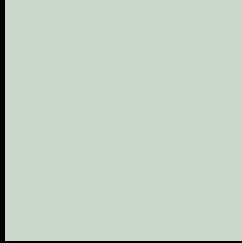
Large Text (above 18pt) WCAG AA × Fail

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 65.7935, 0.3112, 0.3453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

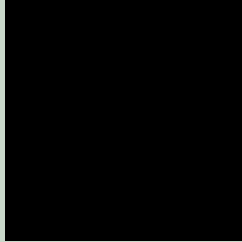
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

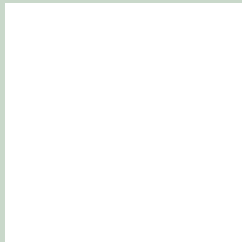
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.7935, 0.3112, 0.3453

Background



This preview shows how black text looks on a background with the Yxy color 65.7935, 0.3112, 0.3453.

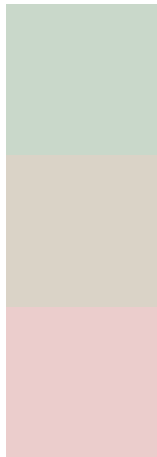


This preview shows how white text looks on a background with the Yxy color 65.7935, 0.3112, 0.3453.

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

65.7935, 0.3112, 0.3453

Protanopia

65.6175, 0.3264, 0.3426

Deuteranopia

65.6844, 0.3367, 0.3302



Tritanopia

65.7232, 0.2964, 0.3099

Trichromacy



Original Color

65.7935, 0.3112, 0.3453

Protanomaly

65.7557, 0.3209, 0.3439

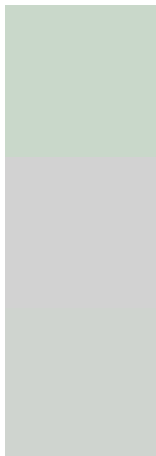
Deuteranomaly

65.6007, 0.3276, 0.3357

Tritanomaly

65.5403, 0.3022, 0.3221

Monochromacy



Original Color

65.7935, 0.3112, 0.3453

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.8574, 0.3124, 0.3347

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.7935, 0.3112, 0.3453 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(201, 216, 202)` looks like.

```
.text, #text, p{  
    color:rgb(201, 216, 202)  
}
```

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(201, 216, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 216, 202) }
```

Border

The CSS property to change the border of an element to Yxy 65.7935, 0.3112, 0.3453 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(201, 216, 202) }
```

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

```
.border{ border-color:rgb(201, 216, 202) }
```

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

Here you see how a box with a 4 pixel rgb(201, 216, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 216, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 216, 202);  
box-shadow:4px 4px 4px 4px rgb(201, 216,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 65.7935, 0.3112, 0.3453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 216, 202) }
```

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

```
.background{ background-color: rgb(201,  
216, 202) }
```

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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