

Converting Colors

$Yxy(66.0070, 0.2974, 0.3311)$

Have a look what the booklet for
Yxy(66.0070, 0.2974, 0.3311)
contains.

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Color

Yxy(66.0013, 0.2978, 0.3313)

Conversions

Conversions Part 1

Format	Color
Hex	C2D9D7
RGB	194, 217, 215
RGB Percent	76%, 85%, 84%
CMY	0.2392, 0.1490, 0.1569
CMYK	0.11, 0.00, 0.01, 0.15
HSL	175°, 23%, 81%
HSV	175°, 11%, 85%
XYZ	59.3275, 66.0013, 73.8904
YIQ	209.8950, -13.0660, -5.4980

Conversions

Conversions Part 2

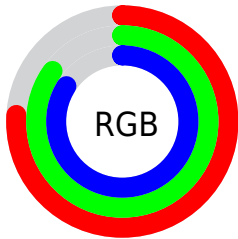
Format	Color
RYB	194, 206, 217
Decimal	12769751
CIELab	85.00, -8.02, -1.62
CIELCh	85, 8.185, 191.425
Yxy	66.0013, 0.2978, 0.3313
Android (android.graphics.Color)	4290959831 (0xFFC2D9D7)
YUV	209.8950, 2.5168, -13.9399
Hunter-Lab	81.2412, -11.8201, 2.9435

Details

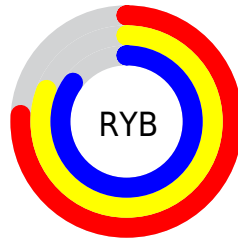
The Yxy color **66.0013, 0.2978, 0.3313** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.3298, 0.3299, 0.3267**, and the grayscale version is **64.3683, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **33.9542, 0.2942, 0.3320** is the 20% darker color. If you saturate the color by 10%, you get **63.2416, 0.2845, 0.3337**, and if you desaturate by 10%, it is **69.1869, 0.3119, 0.3291**.

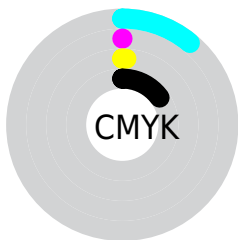
Distribution



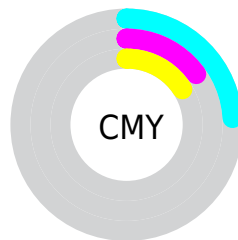
- Red (76%)
- Green (85%)
- Blue (84%)



- Red (76%)
- Yellow (81%)
- Blue (85%)



- Cyan (11%)
- Magenta (0%)
- Yellow (1%)
- Black (15%)



- Cyan (24%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.0013, 0.2978, 0.3313 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 66.0013, 0.2978, 0.3313 by changing the saturation by 10% instead.

■ 66.0013, 0.2978,
0.3313

■ 66.0013, 0.2978,
0.3313

446.3815, 0.3048,
0.3303

■ 48.2735, 0.2962,
0.3315

■ 113.4882, 0.3003,
0.3309

■ 34.0435, 0.2941,
0.3318

144.0160, 0.3012,
0.3308

■ 22.9270, 0.2915,
0.3322

179.5793, 0.3020,
0.3307

■ 14.5396, 0.2881,
0.3327

220.5625, 0.3027,
0.3306

■ 8.4969, 0.2834,
0.3333

267.3499, 0.3033,
0.3305

■ 4.4145, 0.2763,
0.3342

320.3259, 0.3039,

■ 1.9080, 0.2648,

0.3304

379.8750, 0.3044,
0.3303

0.3355

0.5532, 0.2064,
0.3460

0.0000, 0.0000,
0.0000

66.0013, 0.2978,
0.3313

66.0013, 0.2978,
0.3313

63.2416, 0.2845,
0.3337

69.1869, 0.3119,
0.3291

60.8815, 0.2722,
0.3363

72.8072, 0.3264,
0.3272

58.9042, 0.2612,
0.3390

76.0919, 0.3381,
0.3254

57.2888, 0.2519,
0.3418

76.1939, 0.3367,
0.3234

■ 56.0123, 0.2443,
0.3448

■ 76.2971, 0.3354,
0.3215

■ 55.0488, 0.2386,
0.3478

■ 76.4014, 0.3340,
0.3196

■ 54.3690, 0.2348,
0.3508

■ 76.5070, 0.3327,
0.3177

■ 53.9379, 0.2329,
0.3538

■ 76.6136, 0.3313,
0.3158

■ 53.7016, 0.2324,
0.3566

■ 76.7215, 0.3300,
0.3140

Harmonies

Analogous

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



66.0013, 0.3062, 0.3400



66.0013, 0.2978, 0.3313



66.0013, 0.2934, 0.3221

Triad

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



66.0013, 0.2978, 0.3313



66.0013, 0.3088, 0.3130



66.0013, 0.3317, 0.3428

Complementary

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



66.0013, 0.2978, 0.3313



57.3298, 0.3299, 0.3267

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.



66.0013, 0.3325, 0.3354



66.0013, 0.2978, 0.3313



66.0013, 0.3191, 0.3184

Square

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



66.0013, 0.2978, 0.3313



66.0013, 0.2997, 0.3118



66.0013, 0.3278, 0.3265



66.0013, 0.3258, 0.3466

Rectangle

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



66.0013, 0.2978, 0.3313



66.0013, 0.2933, 0.3170



66.0013, 0.3278, 0.3265



66.0013, 0.3326, 0.3406

Sweetspot

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



66.0041, 0.2978, 0.3313



98.5346, 0.3084, 0.3296



65.3009, 0.3131, 0.3562



21.0087, 0.3072, 0.3298



0.0000, 0.0000, 0.0000



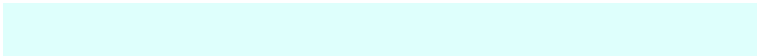
21.4041, 0.3127, 0.3290

Same Dimension

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



66.0041, 0.2978, 0.3313



94.0597, 0.2944, 0.3319



61.4995, 0.2964, 0.3182



14.8088, 0.2994, 0.3310



32.5151, 0.2323, 0.3561



2.1124, 0.2309, 0.3513

Inverse Universe

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



57.3298, 0.3299, 0.3267



78.8462, 0.3346, 0.3262



61.4593, 0.3302, 0.3396



13.0700, 0.3278, 0.3270



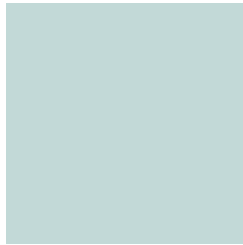
8.9651, 0.6297, 0.3242



0.5874, 0.6021, 0.3091

Previews

White Background



This preview shows how the Yxy color 66.0013, 0.2978, 0.3313 looks on a white background.

Color Contrast Check

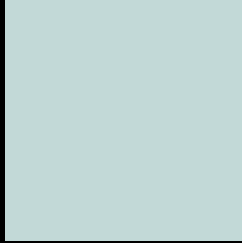
Large Text (above 18pt) WCAG AA × Fail

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 66.0013, 0.2978, 0.3313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

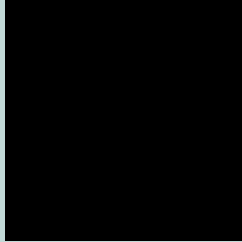
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

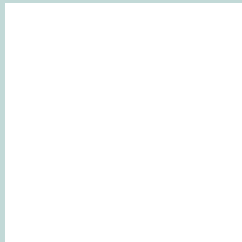
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.0013, 0.2978, 0.3313

Background



This preview shows how black text looks on a background with the Yxy color 66.0013, 0.2978, 0.3313.

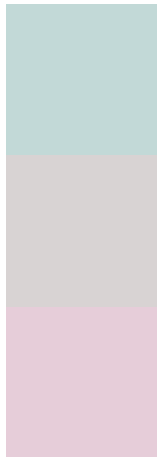


This preview shows how white text looks on a background with the Yxy color 66.0013, 0.2978, 0.3313.

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

66.0013, 0.2978, 0.3313

Protanopia

65.8906, 0.3164, 0.3290

Deuteranopia

65.4954, 0.3232, 0.3160



Tritanopia

65.7896, 0.2891, 0.3086

Trichromacy



Original Color

66.0013, 0.2978, 0.3313

Protanomaly

65.7519, 0.3097, 0.3301

Deuteranomaly

65.3105, 0.3138, 0.3212

Tritanomaly

65.8276, 0.2922, 0.3164

Monochromacy



Original Color

66.0013, 0.2978, 0.3313

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

65.1793, 0.3068, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.0013, 0.2978, 0.3313 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(194, 217, 215)` looks like.

```
.text, #text, p{  
    color:rgb(194, 217, 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(194, 217, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 217, 215) }
```

Border

The CSS property to change the border of an element to Yxy 66.0013, 0.2978, 0.3313 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(194, 217, 215) }
```

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

```
.border{ border-color:rgb(194, 217, 215) }
```

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

Here you see how a box with a 4 pixel rgb(194, 217, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 217, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 217, 215);  
box-shadow:4px 4px 4px 4px rgb(194, 217,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 66.0013, 0.2978, 0.3313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 217, 215) }
```

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

```
.background{ background-color: rgb(194,  
217, 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](#).

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