

Converting Colors

$Yxy(65.3374, 0.2990, 0.3238)$

Have a look what the booklet for
Yxy(65.3374, 0.2990, 0.3238)
contains.

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Color

Yxy(65.3497, 0.2987, 0.3232)

Conversions

Conversions Part 1

Format	Color
Hex	C7D6DB
RGB	199, 214, 219
RGB Percent	78%, 84%, 86%
CMY	0.2194, 0.1608, 0.1412
CMYK	0.09, 0.02, 0.00, 0.14
HSL	195°, 22%, 82%
HSV	195°, 9%, 86%
XYZ	60.3959, 65.3497, 76.4503
YIQ	210.0850, -10.5450, -1.6250

Conversions

Conversions Part 2

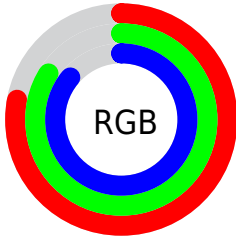
Format	Color
R _Y B	199, 208, 219
Decimal	13096667
CIE Lab	84.66, -4.04, -4.20
CIE LCh	85, 5.827, 226.164
Yxy	65.3497, 0.2987, 0.3232
Android (android.graphics.Color)	4291286747 (0xFFC7D6DB)
YUV	210.0850, 4.3951, -9.7215
Hunter-Lab	80.8392, -8.1091, 0.5164

Details

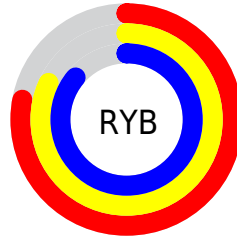
The Yxy color $65.3497, 0.2987, 0.3232$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $62.4028, 0.3279, 0.3347$, and the grayscale version is $64.4898, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $33.4964, 0.2952, 0.3213$ is the 20% darker color. If you saturate the color by 10%, you get $59.8300, 0.2834, 0.3162$, and if you desaturate by 10%, it is $71.4001, 0.3141, 0.3295$.

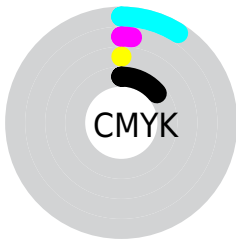
Distribution



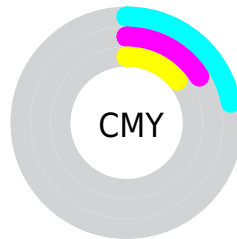
- Red (78%)
- Green (84%)
- Blue (86%)



- Red (78%)
- Yellow (82%)
- Blue (86%)



- Cyan (9%)
- Magenta (2%)
- Yellow (0%)
- Black (14%)



- Cyan (22%)
- Magenta (16%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.3497, 0.2987, 0.3232 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 65.3497, 0.2987, 0.3232 by changing the saturation by 10% instead.

■ 65.3497, 0.2987,
0.3232

■ 65.3497, 0.2987,
0.3232

444.0476, 0.3053,
0.3260

■ 47.7447, 0.2972,
0.3225

112.5525, 0.3010,
0.3242

■ 33.6248, 0.2953,
0.3217

142.9190, 0.3019,
0.3246

■ 22.6055, 0.2928,
0.3207

178.3082, 0.3027,
0.3249

■ 14.3025, 0.2896,
0.3192

219.1044, 0.3033,
0.3252

■ 8.3313, 0.2851,
0.3172

265.6921, 0.3039,
0.3254

■ 4.3077, 0.2785,
0.3142

318.4556, 0.3044,

■ 1.8471, 0.2676,

0.3256

0.3090

377.7793, 0.3049,
0.3258

0.5163, 0.2223,
0.2926

0.0000, 0.0000,
0.0000

65.3497, 0.2987,
0.3232

65.3497, 0.2987,
0.3232

59.8300, 0.2834,
0.3162

71.4001, 0.3141,
0.3295

54.8136, 0.2686,
0.3086

77.9911, 0.3293,
0.3352

50.2826, 0.2545,
0.3005

83.2458, 0.3373,
0.3405

46.2149, 0.2415,
0.2918

86.3657, 0.3366,
0.3459

■ 42.5862, 0.2298,
0.2827

■ 89.5831, 0.3358,
0.3513

■ 39.3697, 0.2199,
0.2734

■ 92.8990, 0.3350,
0.3566

■ 36.5351, 0.2119,
0.2640

■ 96.3143, 0.3343,
0.3618

■ 34.0464, 0.2059,
0.2546

■ 97.8947, 0.3339,
0.3641

■ 31.8471, 0.2016,
0.2453

Harmonies

Analogous

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



65.3497, 0.3013, 0.3296



65.3497, 0.2987, 0.3232



65.3497, 0.2998, 0.3185

Triad

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



65.3497, 0.2987, 0.3232



65.3497, 0.3184, 0.3222



65.3497, 0.3211, 0.3417

Complementary

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



65.3497, 0.2987, 0.3232



62.4028, 0.3279, 0.3347

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.



65.3497, 0.3258, 0.3395



65.3497, 0.2987, 0.3232



65.3497, 0.3242, 0.3283

Square

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



65.3497, 0.2987, 0.3232



65.3497, 0.3111, 0.3180



65.3497, 0.3270, 0.3346



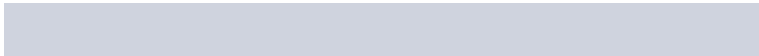
65.3497, 0.3142, 0.3404

Rectangle

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



65.3497, 0.2987, 0.3232



65.3497, 0.3025, 0.3168



65.3497, 0.3270, 0.3346



65.3497, 0.3230, 0.3413

Sweetspot

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



65.3524, 0.2987, 0.3232



97.3577, 0.3081, 0.3271



67.1758, 0.3084, 0.3464



20.6899, 0.3068, 0.3266



0.0000, 0.0000, 0.0000



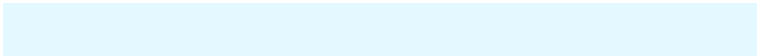
21.4041, 0.3127, 0.3290

Same Dimension

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



65.3524, 0.2987, 0.3232



90.6485, 0.2957, 0.3219



60.4682, 0.2986, 0.3116



14.2467, 0.2982, 0.3230



18.9541, 0.2017, 0.2459



1.3617, 0.2059, 0.2611

Inverse Universe

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



60.7856, 0.3174, 0.3123



82.9452, 0.3185, 0.3085



67.2878, 0.3268, 0.3458



13.2160, 0.3176, 0.3117



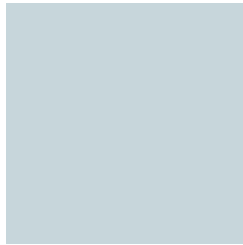
10.5372, 0.3963, 0.1957



0.6962, 0.3814, 0.1875

Previews

White Background



This preview shows how the Yxy color 65.3497, 0.2987, 0.3232 looks on a white background.

Color Contrast Check

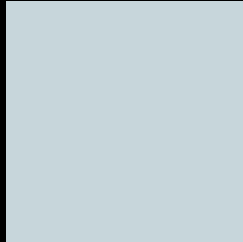
Large Text (above 18pt) WCAG AA × Fail

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 65.3497, 0.2987, 0.3232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

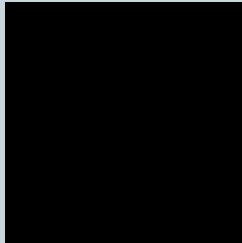
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

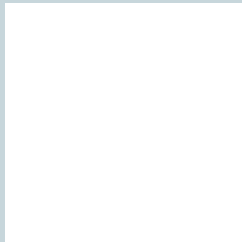
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.3497, 0.2987, 0.3232

Background



This preview shows how black text looks on a background with the Yxy color 65.3497, 0.2987, 0.3232.

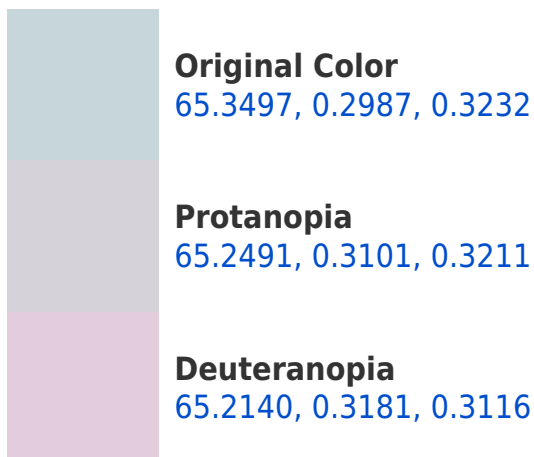


This preview shows how white text looks on a background with the Yxy color 65.3497, 0.2987, 0.3232.

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

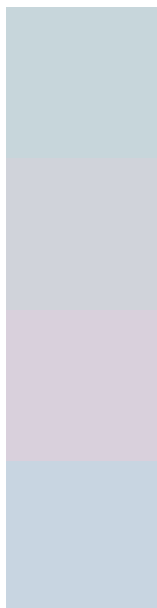




Tritanopia

65.1616, 0.2936, 0.3097

Trichromacy



Original Color

65.3497, 0.2987, 0.3232

Protanomaly

65.0604, 0.3058, 0.3211

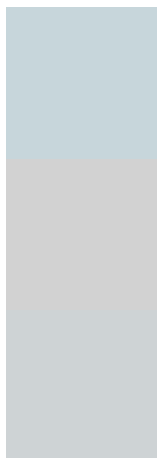
Deuteranomaly

65.0308, 0.3111, 0.3157

Tritanomaly

65.3041, 0.2955, 0.3153

Monochromacy



Original Color

65.3497, 0.2987, 0.3232

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.5144, 0.3077, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.3497, 0.2987, 0.3232 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(199, 214, 219)` looks like.

```
.text, #text, p{  
    color:rgb(199, 214, 219)  
}
```

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(199, 214, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 214, 219) }
```

Border

The CSS property to change the border of an element to Yxy 65.3497, 0.2987, 0.3232 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(199, 214, 219) }
```

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

```
.border{ border-color:rgb(199, 214, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 214, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 214, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 214, 219);  
box-shadow:4px 4px 4px 4px rgb(199, 214,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 65.3497, 0.2987, 0.3232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 214, 219) }
```

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

```
.background{ background-color: rgb(199,  
214, 219) }
```

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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