

Converting Colors

$Yxy(66.0495, 0.2997, 0.3236)$

Have a look what the booklet for
Yxy(66.0495, 0.2997, 0.3236)
contains.

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Color

Yxy(66.1857, 0.2994, 0.3233)

Conversions

Conversions Part 1

Format	Color
Hex	C9D7DC
RGB	201, 215, 220
RGB Percent	79%, 84%, 86%
CMY	0.2120, 0.1568, 0.1373
CMYK	0.09, 0.02, 0.00, 0.14
HSL	196°, 21%, 83%
HSV	196°, 9%, 86%
XYZ	61.2929, 66.1857, 77.2405
YIQ	211.3840, -9.9490, -1.4130

Conversions

Conversions Part 2

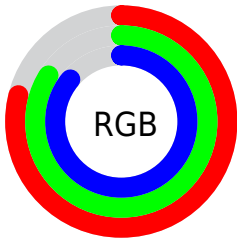
Format	Color
R _Y B	201, 209, 220
Decimal	13227996
CIE Lab	85.09, -3.76, -4.08
CIE LCh	85, 5.546, 227.310
Yxy	66.1857, 0.2994, 0.3233
Android (android.graphics.Color)	4291418076 (0xFFC9D7DC)
YUV	211.3840, 4.2477, -9.1068
Hunter-Lab	81.3546, -7.8878, 0.6565

Details

The Yxy color **66.1857, 0.2994, 0.3233** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.5244, 0.3271, 0.3346**, and the grayscale version is **65.3804, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.0613, 0.2963, 0.3214** is the 20% darker color. If you saturate the color by 10%, you get **60.4877, 0.2841, 0.3161**, and if you desaturate by 10%, it is **72.4281, 0.3148, 0.3298**.

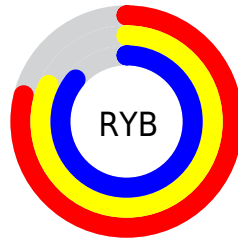
Distribution



Red (79%)

Green (84%)

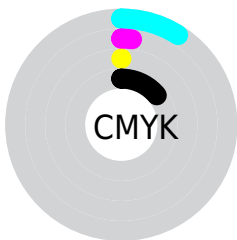
Blue (86%)



Red (79%)

Yellow (82%)

Blue (86%)

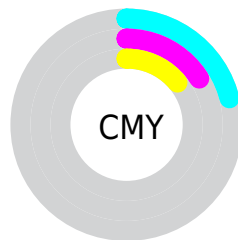


Cyan (9%)

Magenta (2%)

Yellow (0%)

Black (14%)



Cyan (21%)

Magenta (16%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.1857, 0.2994, 0.3233 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 66.1857, 0.2994, 0.3233 by changing the saturation by 10% instead.

■ 66.1857, 0.2994,
0.3233

■ 66.1857, 0.2994,
0.3233

447.0407, 0.3057,
0.3260

■ 48.4232, 0.2979,
0.3227

113.7528, 0.3016,
0.3243

■ 34.1621, 0.2961,
0.3219

144.3262, 0.3024,
0.3246

■ 23.0182, 0.2938,
0.3208

179.9386, 0.3032,
0.3249

■ 14.6069, 0.2908,
0.3194

220.9746, 0.3038,
0.3252

■ 8.5440, 0.2866,
0.3175

267.8183, 0.3043,
0.3255

■ 4.4450, 0.2803,
0.3146

320.8543, 0.3048,

■ 1.9254, 0.2702,

0.3257

0.3097

380.4670, 0.3053,
0.3259

0.5636, 0.2329,
0.2957

0.0000, 0.0000,
0.0000

66.1857, 0.2994,
0.3233

66.1857, 0.2994,
0.3233

60.4877, 0.2841,
0.3161

72.4281, 0.3148,
0.3298

55.3062, 0.2692,
0.3082

79.2249, 0.3300,
0.3357

50.6232, 0.2549,
0.2998

84.2608, 0.3364,
0.3413

46.4161, 0.2418,
0.2908

87.5441, 0.3357,
0.3469

■ 42.6607, 0.2299,
0.2814

■ 90.9337, 0.3349,
0.3524

■ 39.3297, 0.2198,
0.2717

■ 94.4305, 0.3341,
0.3579

■ 36.3924, 0.2116,
0.2619

■ 97.9463, 0.3334,
0.3631

■ 33.8130, 0.2053,
0.2521

■ 31.5371, 0.2009,
0.2425

Harmonies

Analogous

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



66.1857, 0.3018, 0.3293



66.1857, 0.2994, 0.3233



66.1857, 0.3006, 0.3189

Triad

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



66.1857, 0.2994, 0.3233



66.1857, 0.3184, 0.3228



66.1857, 0.3205, 0.3410

Complementary

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



66.1857, 0.2994, 0.3233



63.5244, 0.3271, 0.3346

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.



66.1857, 0.3250, 0.3391



66.1857, 0.2994, 0.3233



66.1857, 0.3238, 0.3285

Square

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



66.1857, 0.2994, 0.3233



66.1857, 0.3114, 0.3187



66.1857, 0.3262, 0.3345



66.1857, 0.3139, 0.3397

Rectangle

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



66.1857, 0.2994, 0.3233



66.1857, 0.3032, 0.3174



66.1857, 0.3262, 0.3345



66.1857, 0.3223, 0.3407

Sweetspot

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



66.1885, 0.2994, 0.3233



97.3128, 0.3081, 0.3271



68.0284, 0.3086, 0.3454



20.6778, 0.3068, 0.3265



0.0000, 0.0000, 0.0000



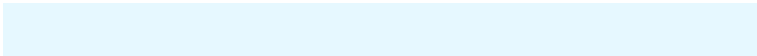
21.4041, 0.3127, 0.3290

Same Dimension

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



66.1885, 0.2994, 0.3233



91.3147, 0.2972, 0.3223



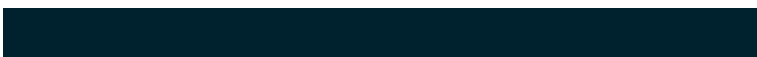
61.5772, 0.2994, 0.3125



14.2255, 0.2982, 0.3228



18.5297, 0.2007, 0.2426



1.3372, 0.2051, 0.2584

Inverse Universe

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



61.8685, 0.3173, 0.3133



84.3752, 0.3181, 0.3107



68.1414, 0.3260, 0.3450



13.2139, 0.3177, 0.3119



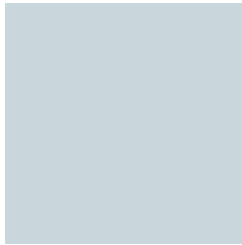
10.4943, 0.3996, 0.1975



0.6937, 0.3840, 0.1889

Previews

White Background



This preview shows how the Yxy color 66.1857, 0.2994, 0.3233 looks on a white background.

Color Contrast Check

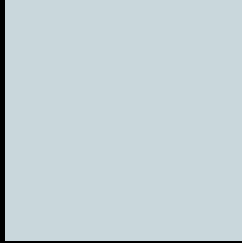
Large Text (above 18pt) WCAG AA × Fail

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 66.1857, 0.2994, 0.3233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

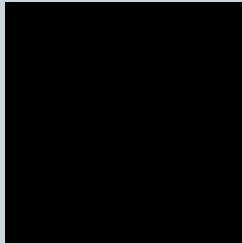
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

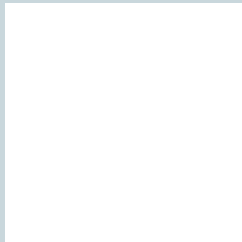
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.1857, 0.2994, 0.3233

Background



This preview shows how black text looks on a background with the Yxy color 66.1857, 0.2994, 0.3233.



This preview shows how white text looks on a background with the Yxy color 66.1857, 0.2994, 0.3233.

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

66.1857, 0.2994, 0.3233

Protanopia

65.9466, 0.3101, 0.3212

Deuteranopia

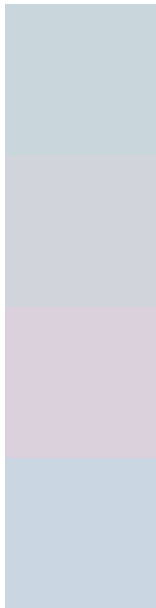
66.0746, 0.3188, 0.3118



Tritanopia

65.9982, 0.2944, 0.3098

Trichromacy



Original Color

66.1857, 0.2994, 0.3233

Protanomaly

65.7567, 0.3058, 0.3211

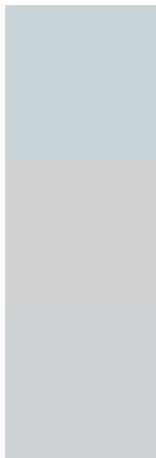
Deuteranomaly

65.8815, 0.3119, 0.3158

Tritanomaly

66.1407, 0.2963, 0.3154

Monochromacy



Original Color

66.1857, 0.2994, 0.3233

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.2074, 0.3077, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.1857, 0.2994, 0.3233 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, 215, 220)` looks like.

```
.text, #text, p{  
    color:rgb(201, 215, 220)  
}
```

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, 215, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 215, 220) }
```

Border

The CSS property to change the border of an element to Yxy 66.1857, 0.2994, 0.3233 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, 215, 220) }
```

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

```
.border{ border-color:rgb(201, 215, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 215, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 215, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 215, 220);  
box-shadow:4px 4px 4px 4px rgb(201, 215,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 66.1857, 0.2994, 0.3233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 215, 220) }
```

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

```
.background{ background-color: rgb(201,  
215, 220) }
```

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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