

Converting Colors

Yxy(61.8758, 0.2990, 0.3243)

Have a look what the booklet for
Yxy(61.8758, 0.2990, 0.3243)
contains.

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Color

Yxy(61.8744, 0.2990, 0.3243)

Conversions

Conversions Part 1

Format	Color
Hex	C2D1D5
RGB	194, 209, 213
RGB Percent	76%, 82%, 84%
CMY	0.2394, 0.1803, 0.1648
CMYK	0.09, 0.02, 0.00, 0.16
HSL	192°, 18%, 80%
HSV	192°, 9%, 84%
XYZ	57.0473, 61.8744, 71.8720
YIQ	204.9710, -10.2240, -1.9360

Conversions

Conversions Part 2

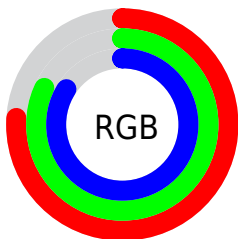
Format	Color
RYB	194, 202, 213
Decimal	12767701
CIELab	82.85, -4.30, -3.71
CIElCh	83, 5.681, 220.822
Yxy	61.8744, 0.2990, 0.3243
Android (android.graphics.Color)	4290957781 (0xFFC2D1D5)
YUV	204.9710, 3.9583, -9.6216
Hunter-Lab	78.6603, -8.2008, 0.8889

Details

The Yxy color **61.8744, 0.2990, 0.3243** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.3838, 0.3277, 0.3337**, and the grayscale version is **61.0065, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **31.4868, 0.2956, 0.3242** is the 20% darker color. If you saturate the color by 10%, you get **57.1142, 0.2839, 0.3186**, and if you desaturate by 10%, it is **67.1042, 0.3144, 0.3295**.

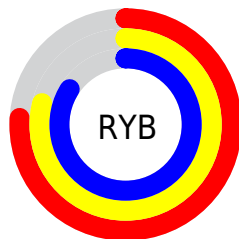
Distribution



Red (76%)

Green (82%)

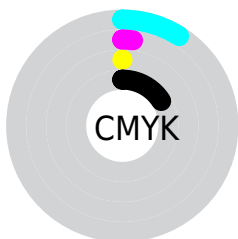
Blue (84%)



Red (76%)

Yellow (79%)

Blue (84%)

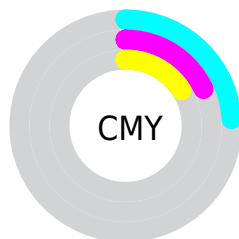


Cyan (9%)

Magenta (2%)

Yellow (0%)

Black (16%)



Cyan (24%)

Magenta (18%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.8744, 0.2990, 0.3243 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 61.8744, 0.2990, 0.3243 by changing the saturation by 10% instead.

■ 61.8744, 0.2990,
0.3243

■ 61.8744, 0.2990,
0.3243

431.4728, 0.3055,
0.3266

■ 44.9312, 0.2975,
0.3238

■ 107.5440, 0.3013,
0.3251

■ 31.4033, 0.2956,
0.3231

137.0392, 0.3022,
0.3254

■ 20.9061, 0.2931,
0.3222

171.4872, 0.3029,
0.3257

■ 13.0554, 0.2898,
0.3209

211.2723, 0.3036,
0.3259

■ 7.4667, 0.2852,
0.3192

256.7791, 0.3042,
0.3261

■ 3.7556, 0.2783,
0.3165

308.3918, 0.3047,

■ 1.5378, 0.2667,

0.3263

0.3118

366.4949, 0.3051,
0.3264

0.3151, 0.1749,
0.2833

0.0000, 0.0000,
0.0000

61.8744, 0.2990,
0.3243

61.8744, 0.2990,
0.3243

57.1142, 0.2839,
0.3186

67.1042, 0.3144,
0.3295

52.7980, 0.2693,
0.3123

72.8122, 0.3297,
0.3342

48.9098, 0.2556,
0.3056

78.4728, 0.3427,
0.3385

45.4293, 0.2430,
0.2986

80.8623, 0.3420,
0.3429

■ 42.3342, 0.2320,
0.2912

■ 83.3142, 0.3413,
0.3473

■ 39.6000, 0.2226,
0.2836

■ 85.8289, 0.3406,
0.3516

■ 37.1987, 0.2152,
0.2760

■ 88.4069, 0.3399,
0.3559

■ 35.0977, 0.2097,
0.2684

■ 91.0487, 0.3392,
0.3602

■ 33.2447, 0.2059,
0.2608

■ 93.7546, 0.3385,
0.3644

Harmonies

Analogous

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



61.8744, 0.3022, 0.3308



61.8744, 0.2990, 0.3243



61.8744, 0.2994, 0.3192

Triad

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



61.8744, 0.2990, 0.3243



61.8744, 0.3171, 0.3214



61.8744, 0.3221, 0.3415

Complementary

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



61.8744, 0.2990, 0.3243



58.3838, 0.3277, 0.3337

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.



61.8744, 0.3262, 0.3387



61.8744, 0.2990, 0.3243



61.8744, 0.3233, 0.3271

Square

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



61.8744, 0.2990, 0.3243



61.8744, 0.3098, 0.3176



61.8744, 0.3267, 0.3335



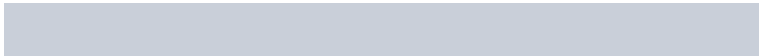
61.8744, 0.3155, 0.3408

Rectangle

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



61.8744, 0.2990, 0.3243



61.8744, 0.3017, 0.3172



61.8744, 0.3267, 0.3335



61.8744, 0.3238, 0.3409

Sweetspot

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



61.8770, 0.2990, 0.3243



97.5665, 0.3081, 0.3275



63.1071, 0.3091, 0.3471



20.7464, 0.3068, 0.3270



0.0000, 0.0000, 0.0000



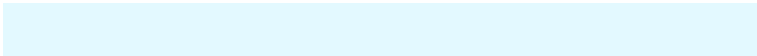
21.4041, 0.3127, 0.3290

Same Dimension

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



61.8770, 0.2990, 0.3243



91.3953, 0.2957, 0.3231



57.4178, 0.2990, 0.3131



13.6487, 0.2982, 0.3240



20.3467, 0.2059, 0.2611



1.3400, 0.2095, 0.2741

Inverse Universe

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



57.3102, 0.3167, 0.3117



83.0206, 0.3177, 0.3074



62.7931, 0.3266, 0.3444



12.5864, 0.3169, 0.3107



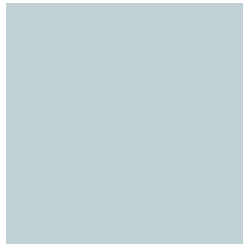
10.3989, 0.3813, 0.1874



0.6386, 0.3689, 0.1806

Previews

White Background



This preview shows how the Yxy color 61.8744, 0.2990, 0.3243 looks on a white background.

Color Contrast Check

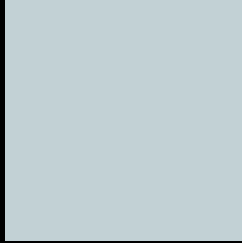
Large Text (above 18pt) WCAG AA × Fail

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 61.8744, 0.2990, 0.3243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

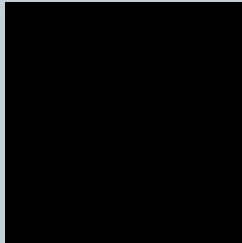
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

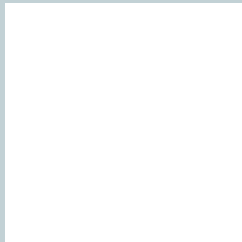
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.8744, 0.2990, 0.3243

Background



This preview shows how black text looks on a background with the Yxy color 61.8744, 0.2990, 0.3243.



This preview shows how white text looks on a background with the Yxy color 61.8744, 0.2990, 0.3243.

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

61.8744, 0.2990, 0.3243

Protanopia

61.7757, 0.3108, 0.3221

Deuteranopia

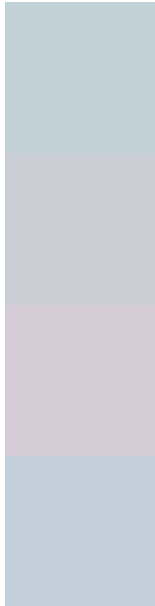
61.7444, 0.3189, 0.3124



Tritanopia

61.7432, 0.2932, 0.3093

Trichromacy



Original Color

61.8744, 0.2990, 0.3243

Protanomaly

61.5926, 0.3063, 0.3220

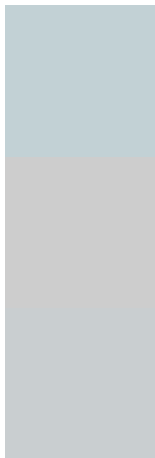
Deuteranomaly

61.5640, 0.3118, 0.3165

Tritanomaly

61.8812, 0.2951, 0.3150

Monochromacy



Original Color

61.8744, 0.2990, 0.3243

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.1142, 0.3076, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8744, 0.2990, 0.3243 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, 209, 213)` looks like.

```
.text, #text, p{  
    color:rgb(194, 209, 213)  
}
```

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, 209, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 209, 213) }
```

Border

The CSS property to change the border of an element to Yxy 61.8744, 0.2990, 0.3243 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, 209, 213) }
```

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

```
.border{ border-color:rgb(194, 209, 213) }
```

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

Here you see how a box with a 4 pixel rgb(194, 209, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 209, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 209, 213);  
box-shadow:4px 4px 4px 4px rgb(194, 209,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 61.8744, 0.2990, 0.3243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 209, 213) }
```

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

```
.background{ background-color: rgb(194,  
209, 213) }
```

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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