

Converting Colors

Yxy(68.4842, 0.3016, 0.3193)

Have a look what the booklet for
Yxy(68.4842, 0.3016, 0.3193)
contains.

Yxy(68.6173, 0.3018, 0.3201)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(68.6173, 0.3018, 0.3201)

Conversions

Conversions Part 1

Format	Color
Hex	D1D9E1
RGB	209, 217, 225
RGB Percent	82%, 85%, 88%
CMY	0.1804, 0.1490, 0.1177
CMYK	0.07, 0.04, 0.00, 0.12
HSL	210°, 21%, 85%
HSV	210°, 7%, 88%
XYZ	64.6945, 68.6173, 81.0503
YIQ	215.5200, -7.3360, 0.7920

Conversions

Conversions Part 2

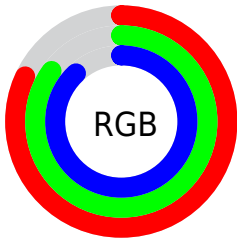
Format	Color
R _Y B	209, 214, 225
Decimal	13752801
CIE Lab	86.31, -1.18, -4.85
CIE LCh	86, 4.996, 256.282
Yxy	68.6173, 0.3018, 0.3201
Android (android.graphics.Color)	4291942881 (0xFFD1D9E1)
YUV	215.5200, 4.6736, -5.7180
Hunter-Lab	82.8356, -5.5539, -0.0273

Details

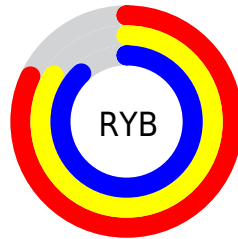
The Yxy color **68.6173, 0.3018, 0.3201** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.2149, 0.3240, 0.3377**, and the grayscale version is **68.2980, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.7115, 0.2994, 0.3173** is the 20% darker color. If you saturate the color by 10%, you get **59.9786, 0.2859, 0.3063**, and if you desaturate by 10%, it is **78.1183, 0.3171, 0.3324**.

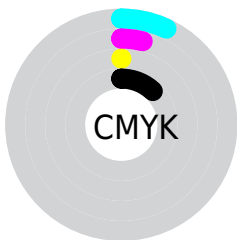
Distribution



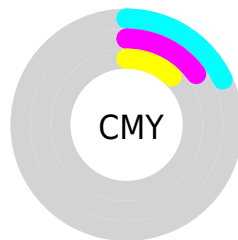
- Red (82%)
- Green (85%)
- Blue (88%)



- Red (82%)
- Yellow (84%)
- Blue (88%)



- Cyan (7%)
- Magenta (4%)
- Yellow (0%)
- Black (12%)



- Cyan (18%)
- Magenta (15%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.6173, 0.3018, 0.3201 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 68.6173, 0.3018, 0.3201 by changing the saturation by 10% instead.

■ 68.6173, 0.3018,
0.3201

■ 68.6173, 0.3018,
0.3201

455.6800, 0.3069,
0.3243

■ 50.4001, 0.3006,
0.3191

117.2348, 0.3036,
0.3216

■ 35.7314, 0.2992,
0.3179

148.4039, 0.3043,
0.3221

■ 24.2268, 0.2973,
0.3164

184.6591, 0.3049,
0.3226

■ 15.5020, 0.2949,
0.3144

226.3847, 0.3054,
0.3230

■ 9.1724, 0.2915,
0.3115

273.9653, 0.3058,
0.3234

■ 4.8538, 0.2865,
0.3074

327.7851, 0.3062,

■ 2.1618, 0.2786,

0.3237

0.3007

388.2285, 0.3066,
0.3240

0.6990, 0.2603,
0.2863

0.0000, 0.0000,
0.0000

68.6173, 0.3018,
0.3201

68.6173, 0.3018,
0.3201

59.9786, 0.2859,
0.3063

78.1183, 0.3171,
0.3324

52.1665, 0.2696,
0.2911

88.4986, 0.3315,
0.3434

45.1552, 0.2532,
0.2744

95.4793, 0.3309,
0.3541

38.9141, 0.2371,
0.2565

98.2149, 0.3304,
0.3582

■ 33.4103, 0.2218,
0.2376

■ 28.6080, 0.2079,
0.2181

■ 24.4673, 0.1958,
0.1985

■ 20.9429, 0.1860,
0.1793

■ 17.9779, 0.1786,
0.1612

Harmonies

Analogous

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



68.6173, 0.3009, 0.3241



68.6173, 0.3018, 0.3201



68.6173, 0.3056, 0.3185

Triad

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



68.6173, 0.3018, 0.3201



68.6173, 0.3224, 0.3284



68.6173, 0.3140, 0.3386

Complementary

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



68.6173, 0.3018, 0.3201



70.2149, 0.3240, 0.3377

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.



68.6173, 0.3198, 0.3397



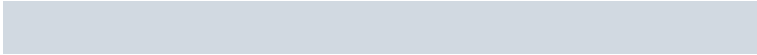
68.6173, 0.3018, 0.3201



68.6173, 0.3247, 0.3337

Square

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



68.6173, 0.3018, 0.3201



68.6173, 0.3175, 0.3233



68.6173, 0.3237, 0.3379



68.6173, 0.3079, 0.3348

Rectangle

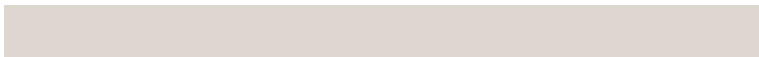
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.6173, 0.3018, 0.3201



68.6173, 0.3093, 0.3190



68.6173, 0.3237, 0.3379



68.6173, 0.3160, 0.3393

Sweetspot

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



68.6202, 0.3018, 0.3201



97.4337, 0.3097, 0.3266



72.3875, 0.3069, 0.3382



20.8818, 0.3098, 0.3267



0.0000, 0.0000, 0.0000



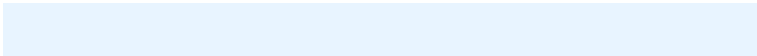
21.4041, 0.3127, 0.3290

Same Dimension

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



68.6202, 0.3018, 0.3201



88.8187, 0.2987, 0.3175



64.7210, 0.3019, 0.3114



14.3731, 0.2981, 0.3170



10.1471, 0.1775, 0.1588



0.8824, 0.1852, 0.1867

Inverse Universe

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



66.6141, 0.3191, 0.3203



85.5061, 0.3210, 0.3178



74.3003, 0.3232, 0.3461



13.8146, 0.3214, 0.3173



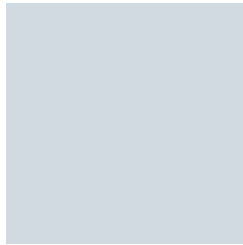
9.9324, 0.4946, 0.2498



0.7065, 0.4606, 0.2311

Previews

White Background



This preview shows how the Yxy color 68.6173, 0.3018, 0.3201 looks on a white background.

Color Contrast Check

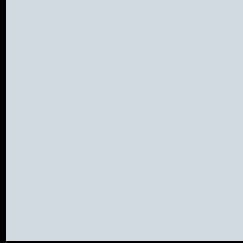
Large Text (above 18pt) WCAG AA × Fail

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 68.6173, 0.3018, 0.3201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

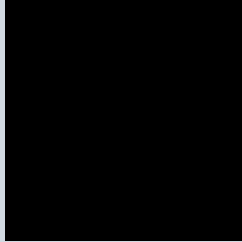
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

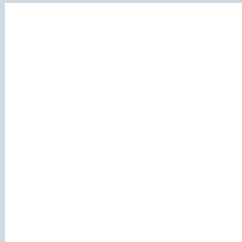
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.6173, 0.3018, 0.3201

Background



This preview shows how black text looks on a background with the Yxy color 68.6173, 0.3018, 0.3201.

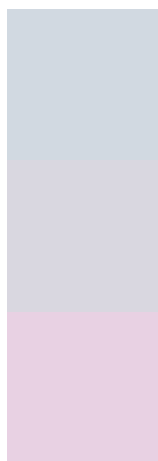


This preview shows how white text looks on a background with the Yxy color 68.6173, 0.3018, 0.3201.

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

68.6173, 0.3018, 0.3201

Protanopia

68.7344, 0.3081, 0.3191

Deuteranopia

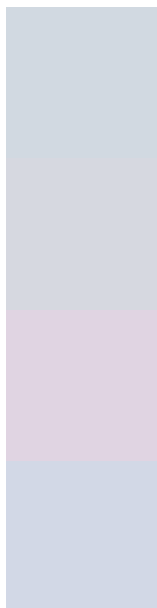
68.3028, 0.3173, 0.3099



Tritanopia

68.6966, 0.2974, 0.3103

Trichromacy



Original Color

68.6173, 0.3018, 0.3201

Protanomaly

68.7897, 0.3060, 0.3202

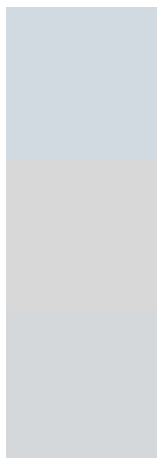
Deuteranomaly

68.4252, 0.3120, 0.3139

Tritanomaly

68.5265, 0.2993, 0.3135

Monochromacy



Original Color

68.6173, 0.3018, 0.3201

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.3723, 0.3086, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.6173, 0.3018, 0.3201 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(209, 217, 225)` looks like.

```
.text, #text, p{  
    color:rgb(209, 217, 225)  
}
```

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(209, 217, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 217, 225) }
```

Border

The CSS property to change the border of an element to Yxy 68.6173, 0.3018, 0.3201 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(209, 217, 225) }
```

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

```
.border{ border-color:rgb(209, 217, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 217, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 217, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 217, 225);  
box-shadow:4px 4px 4px 4px rgb(209, 217,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 68.6173, 0.3018, 0.3201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 217, 225) }
```

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

```
.background{ background-color: rgb(209,  
217, 225) }
```

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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