

Converting Colors

Yxy(66.3616, 0.2957, 0.3116)

Have a look what the booklet for
Yxy(66.3616, 0.2957, 0.3116)
contains.

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Color

Yxy(66.5876, 0.2957, 0.3121)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CCD6E5 |
| RGB | 204, 214, 229 |
| RGB Percent | 80%, 84%, 90% |
| CMY | 0.2001, 0.1607, 0.1018 |
| CMYK | 0.11, 0.07, 0.00, 0.10 |
| HSL | 216°, 33%, 85% |
| HSV | 216°, 11%, 90% |
| XYZ | 63.0886, 66.5876, 83.6772 |
| YIQ | 212.7200, -10.7750, 2.5450 |

Conversions

Conversions Part 2

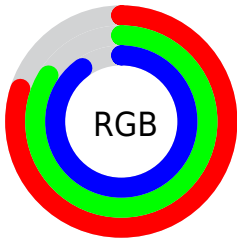
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 204, 211, 229 |
| Decimal | 13424357 |
| CIE Lab | 85.30, -0.46, -8.55 |
| CIE LCh | 85, 8.560, 266.903 |
| Yxy | 66.5876, 0.2957, 0.3121 |
| Android (android.graphics.Color) | 4291614437 (0xFFCCD6E5) |
| YUV | 212.7200, 8.0260, -7.6474 |
| Hunter-Lab | 81.6012, -4.7979, -3.6775 |

Details

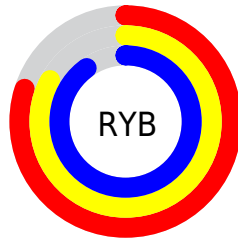
The Yxy color **66.5876, 0.2957, 0.3121** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.6811, 0.3303, 0.3453**, and the grayscale version is **66.2935, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.3363, 0.2915, 0.3068** is the 20% darker color. If you saturate the color by 10%, you get **56.9295, 0.2792, 0.2947**, and if you desaturate by 10%, it is **77.3129, 0.3113, 0.3276**.

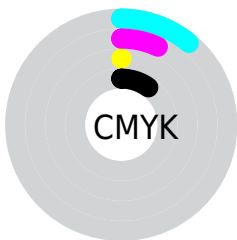
Distribution



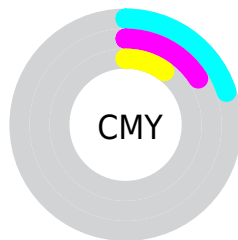
- Red (80%)
- Green (84%)
- Blue (90%)



- Red (80%)
- Yellow (83%)
- Blue (90%)



- Cyan (11%)
- Magenta (7%)
- Yellow (0%)
- Black (10%)



- Cyan (20%)
- Magenta (16%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.5876, 0.2957, 0.3121 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 66.5876, 0.2957, 0.3121 by changing the saturation by 10% instead.

■ 66.5876, 0.2957,
0.3121

■ 66.5876, 0.2957,
0.3121

448.4754, 0.3037,
0.3200

■ 48.7496, 0.2939,
0.3103

114.3293, 0.2985,
0.3149

■ 34.4209, 0.2916,
0.3080

145.0017, 0.2996,
0.3160

■ 23.2171, 0.2886,
0.3050

180.7211, 0.3005,
0.3169

■ 14.7539, 0.2847,
0.3012

221.8717, 0.3013,
0.3177

■ 8.6468, 0.2794,
0.2958

268.8381, 0.3020,
0.3184

■ 4.5116, 0.2715,
0.2879

322.0046, 0.3026,

■ 1.9636, 0.2589,

0.3190

0.2752

381.7555, 0.3032,
0.3196

0.5862, 0.2280,
0.2448

0.0000, 0.0000,
0.0000

66.5876, 0.2957,
0.3121

66.5876, 0.2957,
0.3121

56.9295, 0.2792,
0.2947

77.3129, 0.3113,
0.3276

48.2952, 0.2622,
0.2755

89.1303, 0.3259,
0.3414

40.6503, 0.2448,
0.2546

98.4388, 0.3279,
0.3542

33.9552, 0.2277,
0.2323

■ 28.1672, 0.2115,
0.2090

■ 23.2396, 0.1967,
0.1856

■ 19.1208, 0.1842,
0.1628

■ 15.7513, 0.1744,
0.1415

■ 13.2674, 0.1678,
0.1240

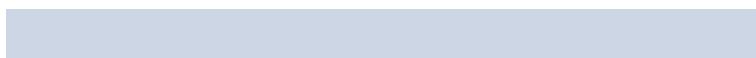
Harmonies

Analogous

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



66.5876, 0.2923, 0.3176



66.5876, 0.2957, 0.3121



66.5876, 0.3037, 0.3111

Triad

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



66.5876, 0.2957, 0.3121



66.5876, 0.3316, 0.3312



66.5876, 0.3110, 0.3439

Complementary

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



66.5876, 0.2957, 0.3121



71.6811, 0.3303, 0.3453

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.



66.5876, 0.3216, 0.3475



66.5876, 0.2957, 0.3121



66.5876, 0.3336, 0.3400

Square

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



66.5876, 0.2957, 0.3121



66.5876, 0.3245, 0.3221



66.5876, 0.3299, 0.3460



66.5876, 0.3010, 0.3360

Rectangle

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



66.5876, 0.2957, 0.3121



66.5876, 0.3106, 0.3131



66.5876, 0.3299, 0.3460



66.5876, 0.3146, 0.3456

Sweetspot

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



66.5904, 0.2957, 0.3121



95.6867, 0.3081, 0.3246



73.9817, 0.3023, 0.3406



20.2387, 0.3069, 0.3233



0.0000, 0.0000, 0.0000



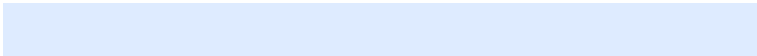
21.4041, 0.3127, 0.3290

Same Dimension

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



66.5904, 0.2957, 0.3121



82.2159, 0.2922, 0.3085



61.9625, 0.2970, 0.3007



14.8299, 0.2981, 0.3145



7.8044, 0.1686, 0.1269



0.7546, 0.1766, 0.1558

Inverse Universe

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



64.6915, 0.3248, 0.3181



79.4285, 0.3274, 0.3159



76.7350, 0.3275, 0.3560



14.4632, 0.3230, 0.3196



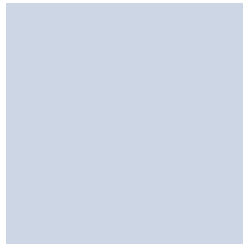
9.9856, 0.5370, 0.2732



0.7559, 0.4984, 0.2519

Previews

White Background



This preview shows how the Yxy color 66.5876, 0.2957, 0.3121 looks on a white background.

Color Contrast Check

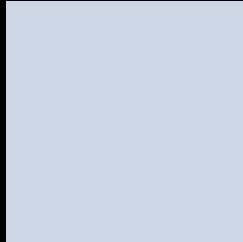
Large Text (above 18pt) WCAG AA × Fail

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 66.5876, 0.2957, 0.3121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

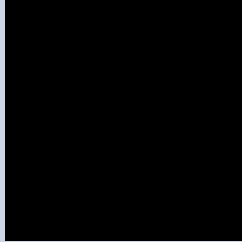
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

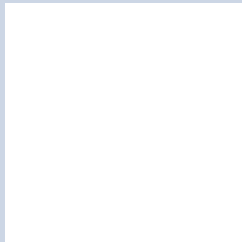
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.5876, 0.2957, 0.3121

Background



This preview shows how black text looks on a background with the Yxy color 66.5876, 0.2957, 0.3121.

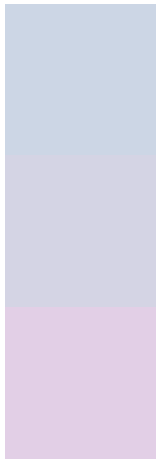


This preview shows how white text looks on a background with the Yxy color 66.5876, 0.2957, 0.3121.

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

66.5876, 0.2957, 0.3121

Protanopia

66.6855, 0.3020, 0.3113

Deuteranopia

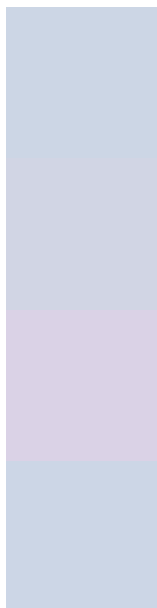
66.5076, 0.3109, 0.3043



Tritanopia

66.7000, 0.2945, 0.3099

Trichromacy



Original Color

66.5876, 0.2957, 0.3121

Protanomaly

66.7452, 0.2999, 0.3123

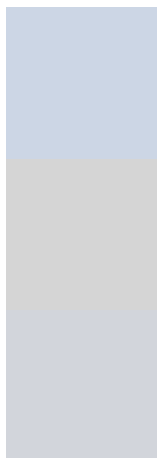
Deuteranomaly

66.7118, 0.3050, 0.3071

Tritanomaly

66.6437, 0.2951, 0.3110

Monochromacy



Original Color

66.5876, 0.2957, 0.3121

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.4046, 0.3065, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.5876, 0.2957, 0.3121 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(204, 214, 229)` looks like.

```
.text, #text, p{  
    color:rgb(204, 214, 229)  
}
```

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(204, 214, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 214, 229) }
```

Border

The CSS property to change the border of an element to Yxy 66.5876, 0.2957, 0.3121 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(204, 214, 229) }
```

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

```
.border{ border-color:rgb(204, 214, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 214, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 214, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 214, 229);  
box-shadow:4px 4px 4px 4px rgb(204, 214,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 66.5876, 0.2957, 0.3121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 214, 229) }
```

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

```
.background{ background-color: rgb(204,  
214, 229) }
```

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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