

Converting Colors

Yxy(63.7814, 0.2935, 0.3096)

Have a look what the booklet for
Yxy(63.7814, 0.2935, 0.3096)
contains.

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Color

Yxy(63.7814, 0.2935, 0.3096)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C7D2E3 |
| RGB | 199, 210, 227 |
| RGB Percent | 78%, 82%, 89% |
| CMY | 0.2195, 0.1765, 0.1100 |
| CMYK | 0.12, 0.07, 0.00, 0.11 |
| HSL | 216°, 33%, 84% |
| HSV | 216°, 12%, 89% |
| XYZ | 60.4646, 63.7814, 81.7663 |
| YIQ | 208.6490, -12.0130, 2.9550 |

Conversions

Conversions Part 2

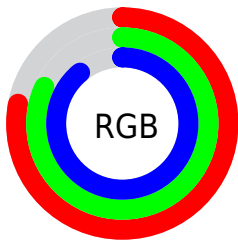
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 199, 207, 227 |
| Decimal | 13095651 |
| CIE _{Lab} | 83.85, -0.37, -9.63 |
| CIE _{LCh} | 84, 9.638, 267.779 |
| Yxy | 63.7814, 0.2935, 0.3096 |
| Android (android.graphics.Color) | 4291285731 (0xFFC7D2E3) |
| YUV | 208.6490, 9.0470, -8.4622 |
| Hunter-Lab | 79.8633, -4.6181, -4.7985 |

Details

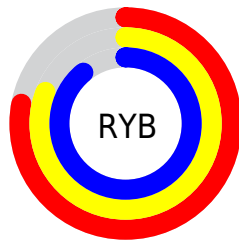
The Yxy color **63.7814, 0.2935, 0.3096** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.5501, 0.3326, 0.3477**, and the grayscale version is **63.4683, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.7752, 0.2885, 0.3049** is the 20% darker color. If you saturate the color by 10%, you get **54.3949, 0.2769, 0.2917**, and if you desaturate by 10%, it is **74.2218, 0.3092, 0.3256**.

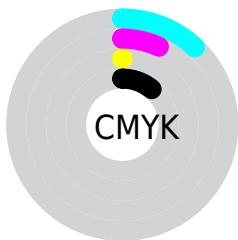
Distribution



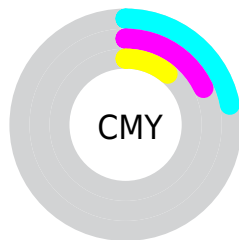
- Red (78%)
- Green (82%)
- Blue (89%)



- Red (78%)
- Yellow (81%)
- Blue (89%)



- Cyan (12%)
- Magenta (7%)
- Yellow (0%)
- Black (11%)



- Cyan (22%)
- Magenta (18%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.7814, 0.2935, 0.3096 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 63.7814, 0.2935, 0.3096 by changing the saturation by 10% instead.

■ 63.7814, 0.2935,
0.3096

■ 63.7814, 0.2935,
0.3096

438.3998, 0.3026,
0.3188

■ 46.4736, 0.2914,
0.3075

110.2961, 0.2967,
0.3128

■ 32.6197, 0.2887,
0.3048

140.2717, 0.2979,
0.3141

■ 21.8353, 0.2854,
0.3013

175.2389, 0.2990,
0.3151

■ 13.7359, 0.2809,
0.2968

215.5818, 0.2999,
0.3161

■ 7.9372, 0.2746,
0.2905

261.6850, 0.3007,
0.3169

■ 4.0548, 0.2654,
0.2810

313.9328, 0.3014,

■ 1.7043, 0.2503,

0.3176

0.2657

372.7096, 0.3020,
0.3182

0.4264, 0.2010,
0.2164

0.0000, 0.0000,
0.0000

63.7814, 0.2935,
0.3096

63.7814, 0.2935,
0.3096

54.3949, 0.2769,
0.2917

74.2218, 0.3092,
0.3256

46.0191, 0.2597,
0.2720

85.7415, 0.3239,
0.3397

38.6197, 0.2423,
0.2506

96.0047, 0.3296,
0.3528

32.1567, 0.2252,
0.2279

98.3238, 0.3292,
0.3562

■ 26.5873, 0.2090,
0.2043

■ 21.8647, 0.1945,
0.1807

■ 17.9366, 0.1822,
0.1578

■ 14.7428, 0.1727,
0.1367

■ 12.7222, 0.1672,
0.1219

Harmonies

Analogous

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



63.7814, 0.2894, 0.3157



63.7814, 0.2935, 0.3096



63.7814, 0.3027, 0.3087

Triad

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



63.7814, 0.2935, 0.3096



63.7814, 0.3345, 0.3318



63.7814, 0.3104, 0.3458

Complementary

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



63.7814, 0.2935, 0.3096



69.5501, 0.3326, 0.3477

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.



63.7814, 0.3225, 0.3501



63.7814, 0.2935, 0.3096



63.7814, 0.3366, 0.3417

Square

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



63.7814, 0.2935, 0.3096



63.7814, 0.3264, 0.3214



63.7814, 0.3321, 0.3485



63.7814, 0.2990, 0.3367

Rectangle

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



63.7814, 0.2935, 0.3096



63.7814, 0.3106, 0.3110



63.7814, 0.3321, 0.3485



63.7814, 0.3145, 0.3479

Sweetspot

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



63.7841, 0.2935, 0.3096



94.2298, 0.3066, 0.3230



72.0077, 0.3007, 0.3416



19.9422, 0.3054, 0.3218



0.0000, 0.0000, 0.0000



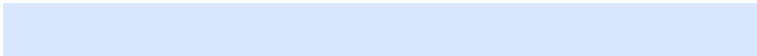
21.4041, 0.3127, 0.3290

Same Dimension

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



63.7841, 0.2935, 0.3096



79.5248, 0.2890, 0.3048



58.9330, 0.2953, 0.2970



14.8117, 0.2981, 0.3143



7.6343, 0.1680, 0.1247



0.7409, 0.1760, 0.1537

Inverse Universe

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



61.8355, 0.3266, 0.3169



76.5708, 0.3303, 0.3141



74.9139, 0.3290, 0.3595



14.4613, 0.3231, 0.3198



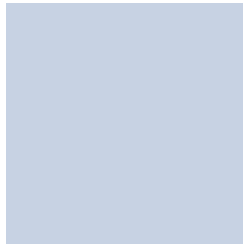
9.9684, 0.5401, 0.2749



0.7545, 0.5011, 0.2534

Previews

White Background



This preview shows how the Yxy color 63.7814, 0.2935, 0.3096 looks on a white background.

Color Contrast Check

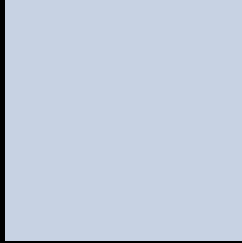
Large Text (above 18pt) WCAG AA × Fail

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 63.7814, 0.2935, 0.3096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

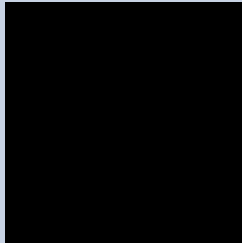
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

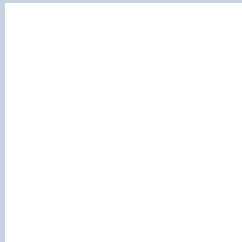
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.7814, 0.2935, 0.3096

Background



This preview shows how black text looks on a background with the Yxy color 63.7814, 0.2935, 0.3096.

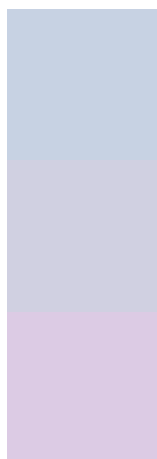


This preview shows how white text looks on a background with the Yxy color 63.7814, 0.2935, 0.3096.

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

63.7814, 0.2935, 0.3096

Protanopia

63.9579, 0.3011, 0.3098

Deuteranopia

63.5290, 0.3080, 0.3016



Tritanopia

63.7814, 0.2935, 0.3096

Trichromacy



Original Color

63.7814, 0.2935, 0.3096

Protanomaly

64.0711, 0.2983, 0.3098

Deuteranomaly

63.7411, 0.3020, 0.3045

Tritanomaly

63.7814, 0.2935, 0.3096

Monochromacy



Original Color

63.7814, 0.2935, 0.3096

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.5379, 0.3050, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.7814, 0.2935, 0.3096 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, 210, 227)` looks like.

```
.text, #text, p{  
    color:rgb(199, 210, 227)  
}
```

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, 210, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 210, 227) }
```

Border

The CSS property to change the border of an element to Yxy 63.7814, 0.2935, 0.3096 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, 210, 227) }
```

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

```
.border{ border-color:rgb(199, 210, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 210, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 210, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 210, 227);  
box-shadow:4px 4px 4px 4px rgb(199, 210,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 63.7814, 0.2935, 0.3096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 210, 227) }
```

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

```
.background{ background-color: rgb(199,  
210, 227) }
```

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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