

Converting Colors

$Yxy(79.3013, 0.3003, 0.3209)$

Have a look what the booklet for
Yxy(79.3013, 0.3003, 0.3209)
contains.

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Color

Yxy(79.2201, 0.2998, 0.3205)

Conversions

Conversions Part 1

Format	Color
Hex	DCE8F0
RGB	220, 232, 240
RGB Percent	86%, 91%, 94%
CMY	0.1373, 0.0902, 0.0587
CMYK	0.08, 0.03, 0.00, 0.06
HSL	204°, 40%, 90%
HSV	204°, 8%, 94%
XYZ	74.1035, 79.2201, 93.8530
YIQ	229.3240, -9.7200, -0.0560

Conversions

Conversions Part 2

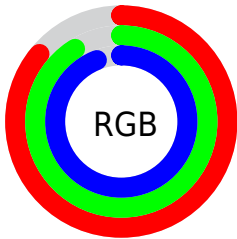
Format	Color
R _Y B	220, 228, 240
Decimal	14477552
CIE Lab	91.33, -2.46, -5.28
CIE LCh	91, 5.823, 245.054
Yxy	79.2201, 0.2998, 0.3205
Android (android.graphics.Color)	4292667632 (0xFFDCE8F0)
YUV	229.3240, 5.2633, -8.1771
Hunter-Lab	89.0057, -7.1460, -0.2150

Details

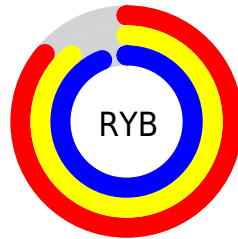
The Yxy color **79.2201, 0.2998, 0.3205** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **79.2054, 0.3263, 0.3374**, and the grayscale version is **78.5745, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.5107, 0.2970, 0.3180** is the 20% darker color. If you saturate the color by 10%, you get **70.4711, 0.2840, 0.3093**, and if you desaturate by 10%, it is **88.8103, 0.3152, 0.3306**.

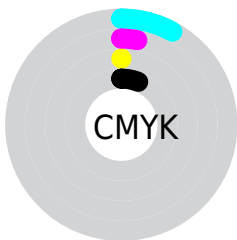
Distribution



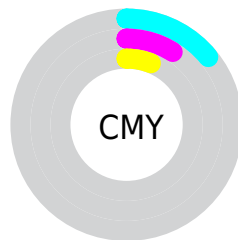
- Red (86%)
- Green (91%)
- Blue (94%)



- Red (86%)
- Yellow (89%)
- Blue (94%)



- Cyan (8%)
- Magenta (3%)
- Yellow (0%)
- Black (6%)



- Cyan (14%)
- Magenta (9%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.2201, 0.2998, 0.3205 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 79.2201, 0.2998, 0.3205 by changing the saturation by 10% instead.

■ 79.2201, 0.2998,
0.3205

■ 79.2201, 0.2998,
0.3205

492.3006, 0.3057,
0.3244

■ 59.0768, 0.2985,
0.3196

132.2687, 0.3018,
0.3218

■ 42.6749, 0.2969,
0.3185

165.9427, 0.3026,
0.3224

■ 29.6302, 0.2948,
0.3172

204.8958, 0.3033,
0.3228

■ 19.5580, 0.2922,
0.3154

249.5123, 0.3039,
0.3232

■ 12.0742, 0.2887,
0.3130

300.1767, 0.3044,
0.3236

■ 6.7942, 0.2837,
0.3095

357.2732, 0.3049,

■ 3.3337, 0.2761,

0.3239

421.1864, 0.3053,
0.3242

0.3042

1.3084, 0.2632,
0.2950

0.1477, 0.1061,
0.1948

79.2201, 0.2998,
0.3205

79.2201, 0.2998,
0.3205

70.4711, 0.2840,
0.3093

88.8103, 0.3152,
0.3306

62.5260, 0.2682,
0.2969

96.7072, 0.3217,
0.3398

55.3586, 0.2527,
0.2835

99.0736, 0.3214,
0.3434

48.9377, 0.2378,
0.2692

■ 43.2293, 0.2239,
0.2541

■ 38.1961, 0.2117,
0.2385

■ 33.7960, 0.2013,
0.2228

■ 29.9804, 0.1930,
0.2072

■ 26.6823, 0.1869,
0.1921

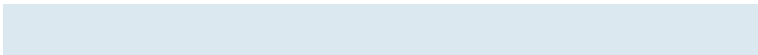
Harmonies

Analogous

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



79.2201, 0.3001, 0.3257



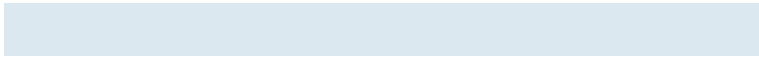
79.2201, 0.2998, 0.3205



79.2201, 0.3029, 0.3177

Triad

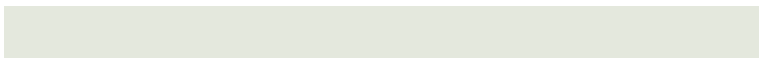
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.2201, 0.2998, 0.3205



79.2201, 0.3218, 0.3261



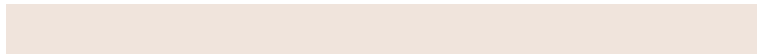
79.2201, 0.3167, 0.3405

Complementary

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



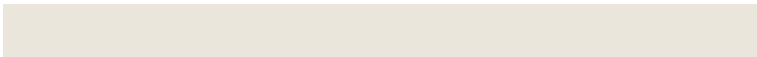
79.2201, 0.2998, 0.3205



79.2054, 0.3263, 0.3374

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.



79.2201, 0.3226, 0.3405



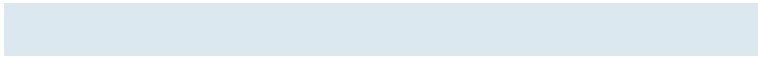
79.2201, 0.2998, 0.3205



79.2201, 0.3255, 0.3321

Square

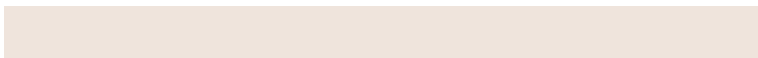
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.2201, 0.2998, 0.3205



79.2201, 0.3156, 0.3209



79.2201, 0.3258, 0.3374



79.2201, 0.3098, 0.3373

Rectangle

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



79.2201, 0.2998, 0.3205



79.2201, 0.3066, 0.3174



79.2201, 0.3258, 0.3374



79.2201, 0.3188, 0.3409

Sweetspot

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



79.2234, 0.2998, 0.3205



96.6361, 0.3081, 0.3260



83.1610, 0.3069, 0.3417



20.4949, 0.3069, 0.3252



0.0000, 0.0000, 0.0000



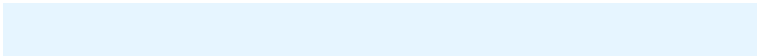
21.4041, 0.3127, 0.3290

Same Dimension

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



79.2234, 0.2998, 0.3205



89.1285, 0.2972, 0.3187



73.7525, 0.2998, 0.3098



16.8036, 0.2980, 0.3193



14.5898, 0.1867, 0.1920



1.4080, 0.1922, 0.2119

Inverse Universe

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



75.5437, 0.3190, 0.3167



84.1545, 0.3204, 0.3141



84.8690, 0.3253, 0.3475



15.9178, 0.3199, 0.3149



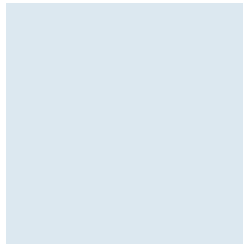
11.2662, 0.4544, 0.2277



0.9569, 0.4320, 0.2153

Previews

White Background



This preview shows how the Yxy color 79.2201, 0.2998, 0.3205 looks on a white background.

Color Contrast Check

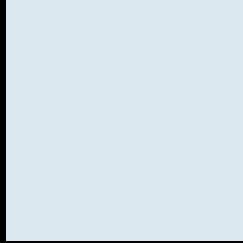
Large Text (above 18pt) WCAG AA × Fail

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 79.2201, 0.2998, 0.3205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

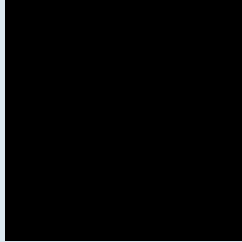
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

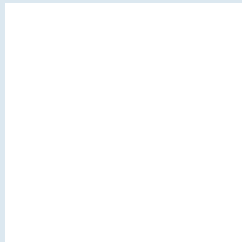
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.2201, 0.2998, 0.3205

Background



This preview shows how black text looks on a background with the Yxy color 79.2201, 0.2998, 0.3205.

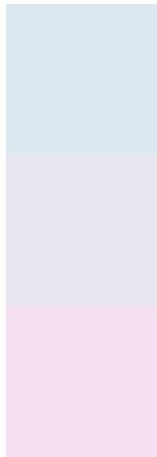


This preview shows how white text looks on a background with the Yxy color 79.2201, 0.2998, 0.3205.

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

79.2201, 0.2998, 0.3205

Protanopia

79.3675, 0.3091, 0.3197

Deuteranopia

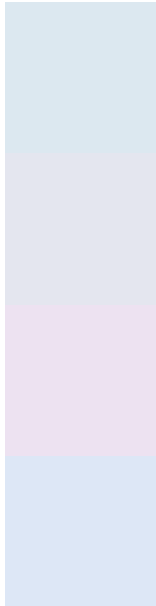
78.9603, 0.3171, 0.3100



Tritanopia

79.3635, 0.2951, 0.3102

Trichromacy



Original Color

79.2201, 0.2998, 0.3205

Protanomaly

79.3196, 0.3057, 0.3196

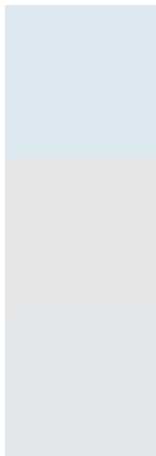
Deuteranomaly

78.7481, 0.3107, 0.3137

Tritanomaly

79.1778, 0.2969, 0.3133

Monochromacy



Original Color

79.2201, 0.2998, 0.3205

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

78.6456, 0.3081, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.2201, 0.2998, 0.3205 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(220, 232, 240)` looks like.

```
.text, #text, p{  
    color:rgb(220, 232, 240)  
}
```

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(220, 232, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 232, 240) }
```

Border

The CSS property to change the border of an element to Yxy 79.2201, 0.2998, 0.3205 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(220, 232, 240) }
```

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

```
.border{ border-color:rgb(220, 232, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 232, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 232, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 232, 240);  
box-shadow:4px 4px 4px 4px rgb(220, 232,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 79.2201, 0.2998, 0.3205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 232, 240) }
```

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

```
.background{ background-color: rgb(220,  
232, 240) }
```

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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