

Converting Colors

$Yxy(79.0128, 0.3030, 0.3216)$

Have a look what the booklet for
Yxy(79.0128, 0.3030, 0.3216)
contains.

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Color

Yxy(79.0128, 0.3030, 0.3216)

Conversions

Conversions Part 1

Format	Color
Hex	DFE7EE
RGB	223, 231, 238
RGB Percent	87%, 91%, 93%
CMY	0.1255, 0.0941, 0.0666
CMYK	0.06, 0.03, 0.00, 0.07
HSL	208°, 31%, 90%
HSV	208°, 6%, 93%
XYZ	74.4430, 79.0128, 92.2307
YIQ	229.4060, -7.0150, 0.4810

Conversions

Conversions Part 2

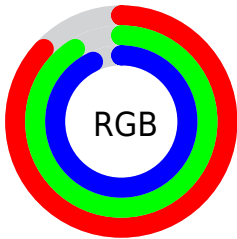
Format	Color
R _Y B	223, 228, 238
Decimal	14673902
CIE Lab	91.24, -1.35, -4.34
CIE LCh	91, 4.544, 252.711
Yxy	79.0128, 0.3030, 0.3216
Android (android.graphics.Color)	4292863982 (0xFFDFE7EE)
YUV	229.4060, 4.2368, -5.6181
Hunter-Lab	88.8891, -6.0655, 0.7035

Details

The Yxy color **79.0128, 0.3030, 0.3216** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.1156, 0.3228, 0.3363**, and the grayscale version is **78.6444, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.3622, 0.3010, 0.3194** is the 20% darker color. If you saturate the color by 10%, you get **69.4658, 0.2872, 0.3088**, and if you desaturate by 10%, it is **89.4938, 0.3183, 0.3331**.

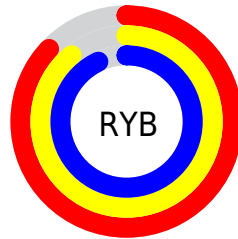
Distribution



Red (87%)

Green (91%)

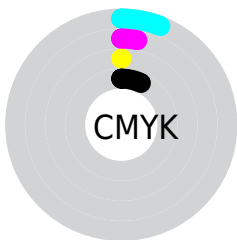
Blue (93%)



Red (87%)

Yellow (89%)

Blue (93%)

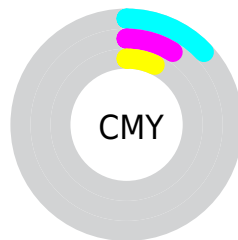


Cyan (6%)

Magenta (3%)

Yellow (0%)

Black (7%)



Cyan (13%)

Magenta (9%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.0128, 0.3030, 0.3216 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 79.0128, 0.3030, 0.3216 by changing the saturation by 10% instead.

■ 79.0128, 0.3030,
0.3216

■ 79.0128, 0.3030,
0.3216

491.5996, 0.3074,
0.3250

■ 58.9063, 0.3020,
0.3208

131.9769, 0.3045,
0.3228

■ 42.5377, 0.3008,
0.3199

165.6033, 0.3051,
0.3232

■ 29.5226, 0.2992,
0.3187

204.5051, 0.3056,
0.3236

■ 19.4765, 0.2973,
0.3172

249.0668, 0.3061,
0.3240

■ 12.0151, 0.2946,
0.3151

299.6727, 0.3065,
0.3243

■ 6.7540, 0.2908,
0.3121

356.7072, 0.3068,

■ 3.3087, 0.2850,

0.3245

0.3076

420.5547, 0.3071,
0.3248

■ 1.2949, 0.2751,
0.2996

■ 0.1373, 0.1418,
0.1997

■ 79.0128, 0.3030,
0.3216

■ 79.0128, 0.3030,
0.3216

■ 69.4658, 0.2872,
0.3088

■ 89.4938, 0.3183,
0.3331

■ 60.8135, 0.2710,
0.2946

■ 97.8449, 0.3228,
0.3437

■ 53.0281, 0.2548,
0.2790

■ 98.9542, 0.3226,
0.3454

■ 46.0764, 0.2390,
0.2623

■ 39.9227, 0.2240,
0.2447

■ 34.5280, 0.2104,
0.2264

■ 29.8489, 0.1986,
0.2080

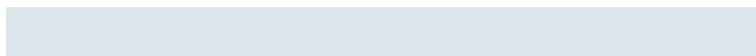
■ 25.8359, 0.1890,
0.1898

■ 22.4290, 0.1818,
0.1724

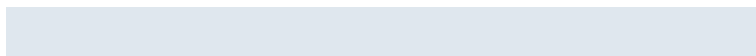
Harmonies

Analogous

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



79.0128, 0.3025, 0.3253



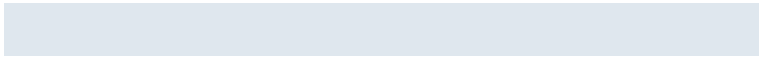
79.0128, 0.3030, 0.3216



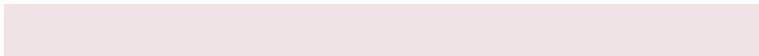
79.0128, 0.3061, 0.3199

Triad

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



79.0128, 0.3030, 0.3216



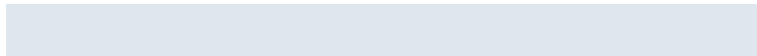
79.0128, 0.3207, 0.3279



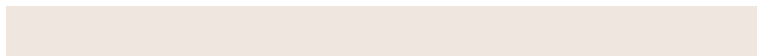
79.0128, 0.3145, 0.3376

Complementary

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



79.0128, 0.3030, 0.3216



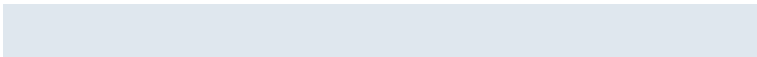
80.1156, 0.3228, 0.3363

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.



79.0128, 0.3194, 0.3382



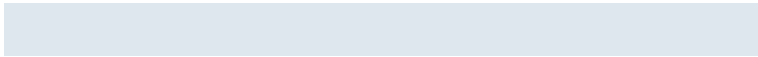
79.0128, 0.3030, 0.3216



79.0128, 0.3230, 0.3326

Square

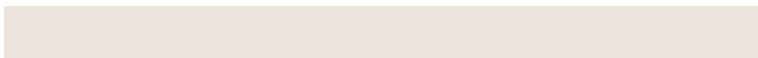
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.0128, 0.3030, 0.3216



79.0128, 0.3163, 0.3236



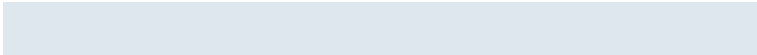
79.0128, 0.3225, 0.3364



79.0128, 0.3091, 0.3345

Rectangle

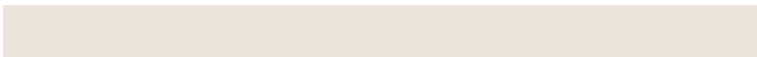
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.0128, 0.3030, 0.3216



79.0128, 0.3092, 0.3202



79.0128, 0.3225, 0.3364



79.0128, 0.3162, 0.3381

Sweetspot

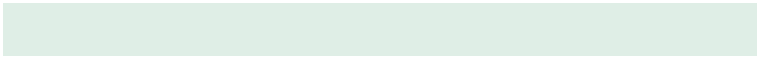
The Sweet Spot groups the original color and five complimentary colors.



79.0161, 0.3030, 0.3216



97.5340, 0.3097, 0.3267



82.5636, 0.3077, 0.3374



20.9022, 0.3098, 0.3268



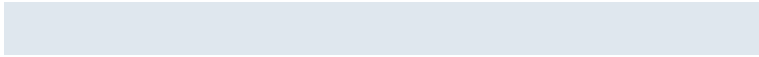
0.0000, 0.0000, 0.0000



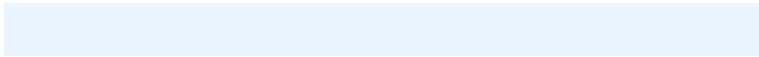
21.4041, 0.3127, 0.3290

Same Dimension

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



79.0161, 0.3030, 0.3216



90.4004, 0.3003, 0.3195



74.9094, 0.3031, 0.3136



16.6227, 0.2980, 0.3177



12.1383, 0.1803, 0.1689



1.2089, 0.1865, 0.1915

Inverse Universe

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



76.7287, 0.3180, 0.3208



87.0688, 0.3196, 0.3185



84.3785, 0.3221, 0.3439



15.8996, 0.3210, 0.3165



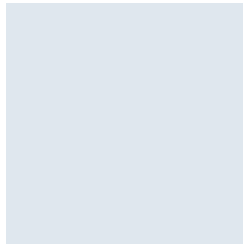
11.0187, 0.4820, 0.2429



0.9368, 0.4550, 0.2280

Previews

White Background



This preview shows how the Yxy color 79.0128, 0.3030, 0.3216 looks on a white background.

Color Contrast Check

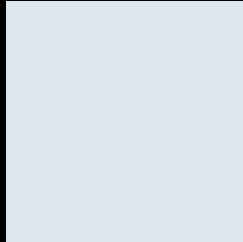
Large Text (above 18pt) WCAG AA × Fail

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 79.0128, 0.3030, 0.3216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

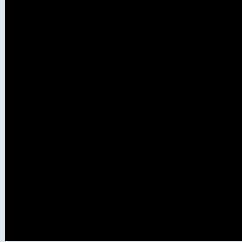
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

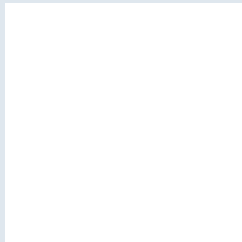
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.0128, 0.3030, 0.3216

Background



This preview shows how black text looks on a background with the Yxy color 79.0128, 0.3030, 0.3216.

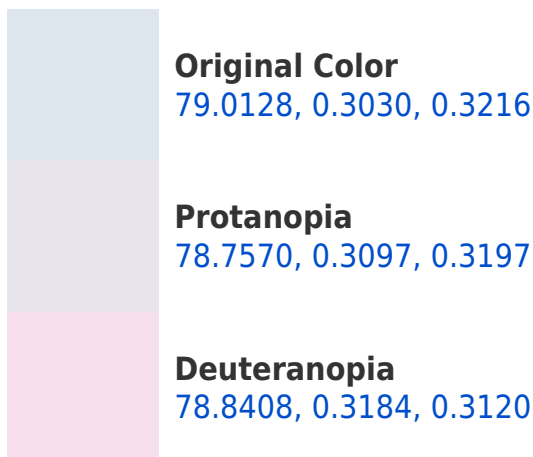


This preview shows how white text looks on a background with the Yxy color 79.0128, 0.3030, 0.3216.

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

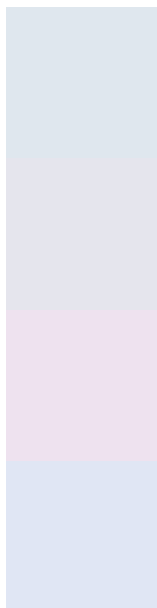




Tritanopia

78.8235, 0.2983, 0.3093

Trichromacy



Original Color

79.0128, 0.3030, 0.3216

Protanomaly

78.8111, 0.3077, 0.3207

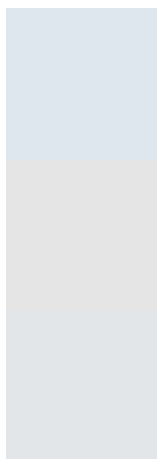
Deuteranomaly

78.8019, 0.3126, 0.3157

Tritanomaly

78.9726, 0.3000, 0.3144

Monochromacy



Original Color

79.0128, 0.3030, 0.3216

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

78.7507, 0.3094, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.0128, 0.3030, 0.3216 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(223, 231, 238)` looks like.

```
.text, #text, p{  
    color:rgb(223, 231, 238)  
}
```

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(223, 231, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 231, 238) }
```

Border

The CSS property to change the border of an element to Yxy 79.0128, 0.3030, 0.3216 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(223, 231, 238) }
```

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

```
.border{ border-color:rgb(223, 231, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 231, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 231, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 231, 238);  
box-shadow:4px 4px 4px 4px rgb(223, 231,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 79.0128, 0.3030, 0.3216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 231, 238) }
```

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

```
.background{ background-color: rgb(223,  
231, 238) }
```

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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