

Converting Colors

$Yxy(78.7227, 0.3048, 0.3236)$

Have a look what the booklet for
Yxy(78.7227, 0.3048, 0.3236)
contains.

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Color

Yxy(79.0553, 0.3049, 0.3237)

Conversions

Conversions Part 1

Format	Color
Hex	E0E7EC
RGB	224, 231, 236
RGB Percent	88%, 91%, 93%
CMY	0.1215, 0.0941, 0.0744
CMYK	0.05, 0.02, 0.00, 0.07
HSL	205°, 24%, 90%
HSV	205°, 5%, 93%
XYZ	74.4639, 79.0553, 90.7048
YIQ	229.4770, -5.7770, 0.0710

Conversions

Conversions Part 2

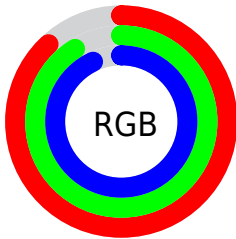
Format	Color
RYB	224, 228, 236
Decimal	14739436
CIELab	91.26, -1.39, -3.26
CIELCh	91, 3.540, 246.878
Yxy	79.0553, 0.3049, 0.3237
Android (android.graphics.Color)	4292929516 (0xFFE0E7EC)
YUV	229.4770, 3.2158, -4.8033
Hunter-Lab	88.9130, -6.1057, 1.7543

Details

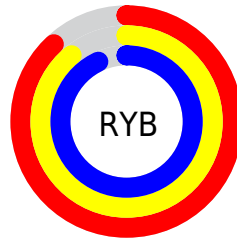
The Yxy color **79.0553, 0.3049, 0.3237** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.2833, 0.3208, 0.3342**, and the grayscale version is **78.7084, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.3902, 0.3035, 0.3222** is the 20% darker color. If you saturate the color by 10%, you get **70.1690, 0.2892, 0.3124**, and if you desaturate by 10%, it is **88.7840, 0.3201, 0.3338**.

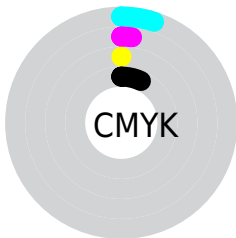
Distribution



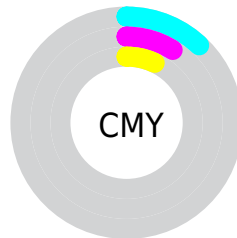
- Red (88%)
- Green (91%)
- Blue (93%)



- Red (88%)
- Yellow (89%)
- Blue (93%)



- Cyan (5%)
- Magenta (2%)
- Yellow (0%)
- Black (7%)



- Cyan (12%)
- Magenta (9%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.0553, 0.3049, 0.3237 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 79.0553, 0.3049, 0.3237 by changing the saturation by 10% instead.

■ 79.0553, 0.3049,
0.3237

■ 79.0553, 0.3049,
0.3237

491.7434, 0.3085,
0.3261

■ 58.9413, 0.3041,
0.3231

132.0367, 0.3061,
0.3245

■ 42.5658, 0.3031,
0.3225

165.6729, 0.3066,
0.3249

■ 29.5446, 0.3019,
0.3216

204.5852, 0.3070,
0.3252

■ 19.4932, 0.3003,
0.3205

249.1582, 0.3074,
0.3254

■ 12.0272, 0.2981,
0.3190

299.7760, 0.3077,
0.3256

■ 6.7622, 0.2951,
0.3169

356.8233, 0.3080,

■ 3.3138, 0.2904,

0.3258

0.3136

420.6843, 0.3082,
0.3260

■ 1.2977, 0.2823,
0.3079

■ 0.1394, 0.1597,
0.2258

■ 79.0553, 0.3049,
0.3237

■ 79.0553, 0.3049,
0.3237

■ 70.1690, 0.2892,
0.3124

■ 88.7840, 0.3201,
0.3338

■ 62.0886, 0.2733,
0.2999

■ 96.1615, 0.3242,
0.3433

■ 54.7892, 0.2575,
0.2862

■ 98.8372, 0.3238,
0.3473

■ 48.2408, 0.2421,
0.2715

■ 42.4110, 0.2277,
0.2559

■ 37.2644, 0.2146,
0.2398

■ 32.7617, 0.2033,
0.2233

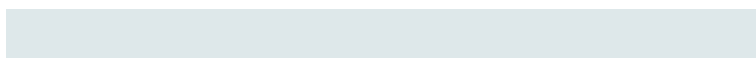
■ 28.8577, 0.1941,
0.2070

■ 25.4984, 0.1871,
0.1911

Harmonies

Analogous

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



79.0553, 0.3049, 0.3268



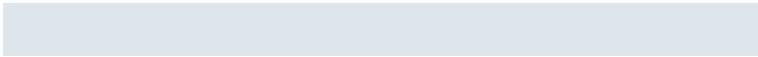
79.0553, 0.3049, 0.3237



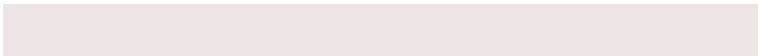
79.0553, 0.3069, 0.3220

Triad

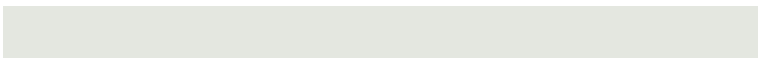
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.0553, 0.3049, 0.3237



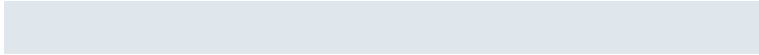
79.0553, 0.3184, 0.3275



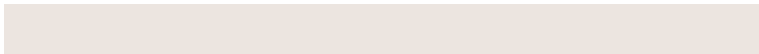
79.0553, 0.3149, 0.3359

Complementary

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



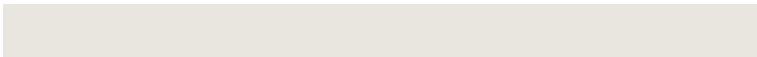
79.0553, 0.3049, 0.3237



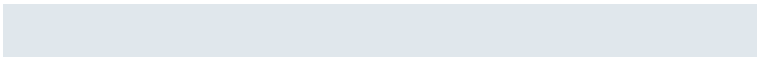
79.2833, 0.3208, 0.3342

Split Complementary

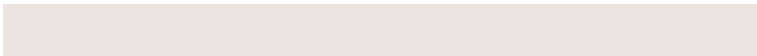
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.0553, 0.3185, 0.3360



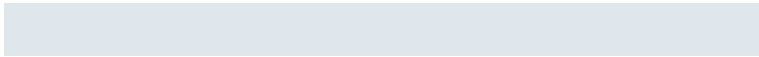
79.0553, 0.3049, 0.3237



79.0553, 0.3206, 0.3312

Square

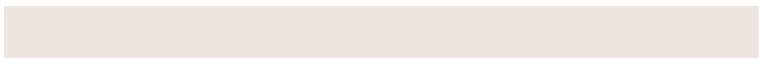
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



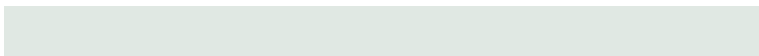
79.0553, 0.3049, 0.3237



79.0553, 0.3147, 0.3242



79.0553, 0.3206, 0.3343



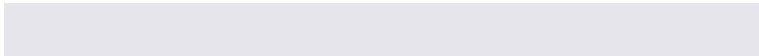
79.0553, 0.3107, 0.3339

Rectangle

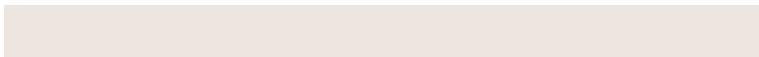
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.0553, 0.3049, 0.3237



79.0553, 0.3092, 0.3220



79.0553, 0.3206, 0.3343



79.0553, 0.3162, 0.3362

Sweetspot

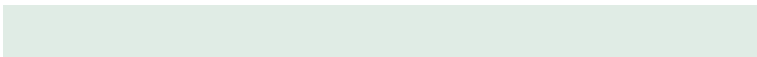
The Sweet Spot groups the original color and five complimentary colors.



79.0587, 0.3049, 0.3237



97.6908, 0.3096, 0.3269



81.5114, 0.3091, 0.3364



20.9341, 0.3098, 0.3270



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.



79.0587, 0.3049, 0.3237



93.1937, 0.3034, 0.3227



75.7716, 0.3050, 0.3174



16.5519, 0.3025, 0.3220



13.4927, 0.1850, 0.1860



1.2489, 0.1910, 0.2077

Inverse Universe

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



76.9297, 0.3166, 0.3218



90.2180, 0.3173, 0.3204



82.6471, 0.3203, 0.3404



15.9708, 0.3178, 0.3196



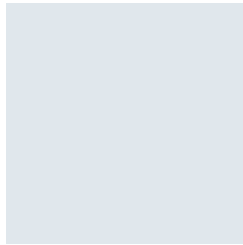
10.8549, 0.4615, 0.2316



0.8715, 0.4367, 0.2179

Previews

White Background



This preview shows how the Yxy color 79.0553, 0.3049, 0.3237 looks on a white background.

Color Contrast Check

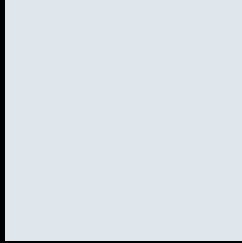
Large Text (above 18pt) WCAG AA × Fail

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 79.0553, 0.3049, 0.3237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

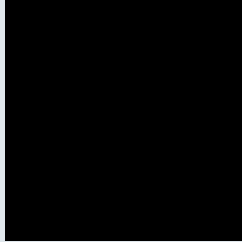
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

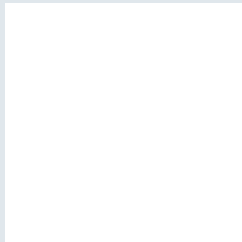
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.0553, 0.3049, 0.3237

Background



This preview shows how black text looks on a background with the Yxy color 79.0553, 0.3049, 0.3237.

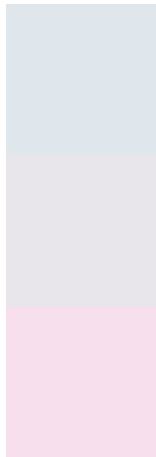


This preview shows how white text looks on a background with the Yxy color 79.0553, 0.3049, 0.3237.

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

79.0553, 0.3049, 0.3237

Protanopia

79.1926, 0.3110, 0.3228

Deuteranopia

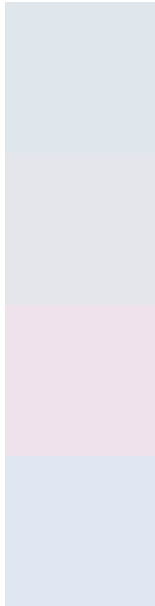
78.9049, 0.3204, 0.3140



Tritanopia

78.9228, 0.2995, 0.3103

Trichromacy



Original Color

79.0553, 0.3049, 0.3237

Protanomaly

79.2498, 0.3089, 0.3238

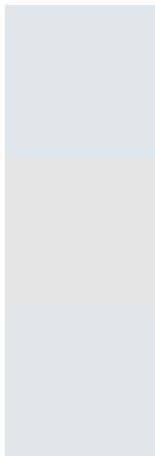
Deuteranomaly

78.8579, 0.3146, 0.3178

Tritanomaly

79.0722, 0.3013, 0.3154

Monochromacy



Original Color

79.0553, 0.3049, 0.3237

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 79.0553, 0.3049, 0.3237 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(224, 231, 236)` looks like.

```
.text, #text, p{  
    color:rgb(224, 231, 236)  
}
```

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(224, 231, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 231, 236) }
```

Border

The CSS property to change the border of an element to Yxy 79.0553, 0.3049, 0.3237 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(224, 231, 236) }
```

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

```
.border{ border-color:rgb(224, 231, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 231, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 231, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 231, 236);  
box-shadow:4px 4px 4px 4px rgb(224, 231,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 79.0553, 0.3049, 0.3237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 231, 236) }
```

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

```
.background{ background-color: rgb(224,  
231, 236) }
```

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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