

Converting Colors

Yxy(78.9899, 0.3048, 0.3216)

Have a look what the booklet for
Yxy(78.9899, 0.3048, 0.3216)
contains.

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Color

Yxy(78.7156, 0.3050, 0.3216)

Conversions

Conversions Part 1

Format	Color
Hex	E1E6ED
RGB	225, 230, 237
RGB Percent	88%, 90%, 93%
CMY	0.1174, 0.0981, 0.0705
CMYK	0.05, 0.03, 0.00, 0.07
HSL	215°, 25%, 91%
HSV	215°, 5%, 93%
XYZ	74.6525, 78.7156, 91.3943
YIQ	229.3030, -5.2270, 1.1170

Conversions

Conversions Part 2

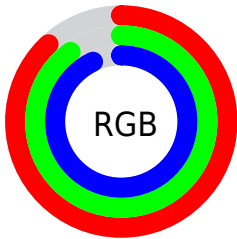
Format	Color
R _Y B	225, 229, 237
Decimal	14804717
CIE Lab	91.11, -0.34, -4.00
CIE LCh	91, 4.011, 265.164
Yxy	78.7156, 0.3050, 0.3216
Android (android.graphics.Color)	4292994797 (0xFFE1E6ED)
YUV	229.3030, 3.7946, -3.7737
Hunter-Lab	88.7218, -5.0692, 1.0293

Details

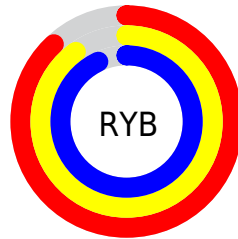
The Yxy color **78.7156, 0.3050, 0.3216** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.2226, 0.3205, 0.3363**, and the grayscale version is **78.5735, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.5422, 0.3035, 0.3208** is the 20% darker color. If you saturate the color by 10%, you get **67.7085, 0.2890, 0.3056**, and if you desaturate by 10%, it is **90.8804, 0.3201, 0.3358**.

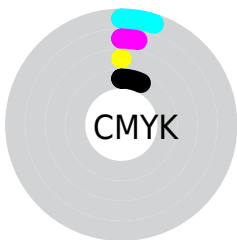
Distribution



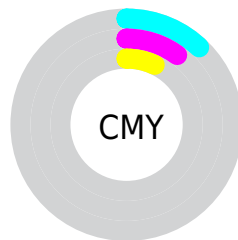
- Red (88%)
- Green (90%)
- Blue (93%)



- Red (88%)
- Yellow (90%)
- Blue (93%)



- Cyan (5%)
- Magenta (3%)
- Yellow (0%)
- Black (7%)



- Cyan (12%)
- Magenta (10%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.7156, 0.3050, 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 78.7156, 0.3050, 0.3216 by changing the saturation by 10% instead.

■ 78.7156, 0.3050,
0.3216

■ 78.7156, 0.3050,
0.3216

490.5937, 0.3085,
0.3250

■ 58.6620, 0.3042,
0.3208

131.5584, 0.3062,
0.3228

■ 42.3411, 0.3032,
0.3199

165.1164, 0.3067,
0.3232

■ 29.3685, 0.3020,
0.3187

203.9447, 0.3071,
0.3236

■ 19.3597, 0.3004,
0.3172

248.4276, 0.3075,
0.3240

■ 11.9305, 0.2983,
0.3151

298.9496, 0.3078,
0.3243

■ 6.6964, 0.2952,
0.3122

355.8950, 0.3080,

■ 3.2729, 0.2906,

0.3245

0.3077

419.6482, 0.3083,
0.3248

■ 1.2758, 0.2825,
0.2998

■ 0.1224, 0.1680,
0.1903

■ 78.7156, 0.3050,
0.3216

■ 78.7156, 0.3050,
0.3216

■ 67.7085, 0.2890,
0.3056

■ 90.8804, 0.3201,
0.3358

■ 57.8129, 0.2723,
0.2877

■ 98.8956, 0.3232,
0.3463

■ 48.9940, 0.2551,
0.2681

■ 41.2112, 0.2379,
0.2469

■ 34.4211, 0.2211,
0.2245

■ 28.5766, 0.2056,
0.2015

■ 23.6260, 0.1918,
0.1785

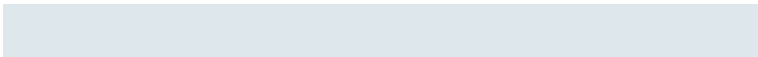
■ 19.5111, 0.1805,
0.1564

■ 16.1636, 0.1720,
0.1361

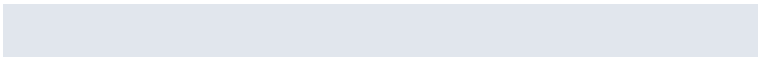
Harmonies

Analogous

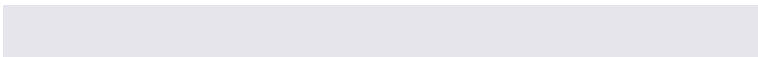
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.7156, 0.3036, 0.3242



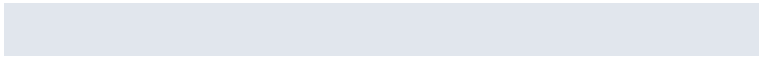
78.7156, 0.3050, 0.3216



78.7156, 0.3085, 0.3210

Triad

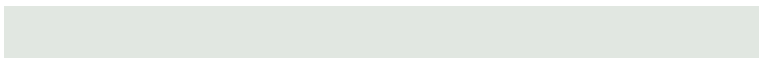
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.7156, 0.3050, 0.3216



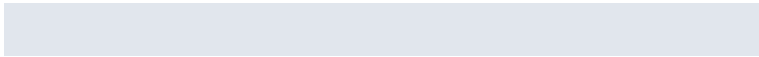
78.7156, 0.3209, 0.3298



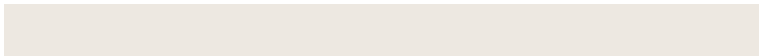
78.7156, 0.3123, 0.3357

Complementary

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



78.7156, 0.3050, 0.3216



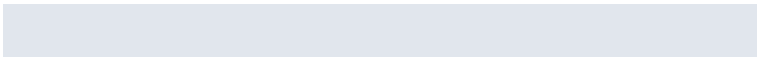
81.2226, 0.3205, 0.3363

Split Complementary

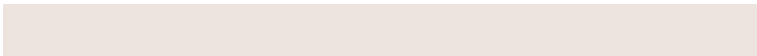
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.7156, 0.3169, 0.3372



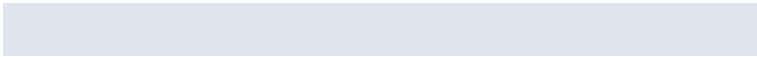
78.7156, 0.3050, 0.3216



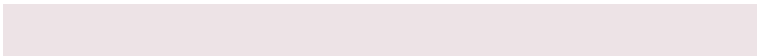
78.7156, 0.3220, 0.3337

Square

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



78.7156, 0.3050, 0.3216



78.7156, 0.3177, 0.3257



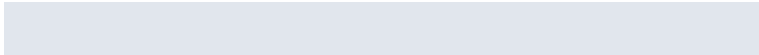
78.7156, 0.3205, 0.3364



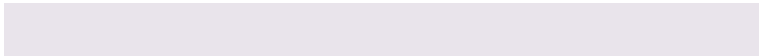
78.7156, 0.3078, 0.3324

Rectangle

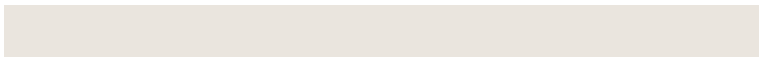
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



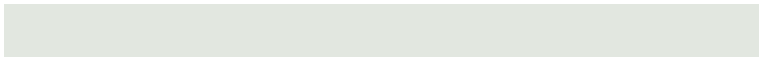
78.7156, 0.3050, 0.3216



78.7156, 0.3115, 0.3218



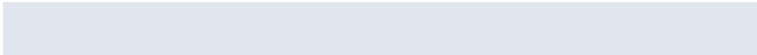
78.7156, 0.3205, 0.3364



78.7156, 0.3139, 0.3364

Sweetspot

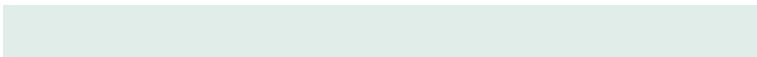
The Sweet Spot groups the original color and five complimentary colors.



78.7189, 0.3050, 0.3216



97.1441, 0.3097, 0.3261



82.4279, 0.3079, 0.3342



20.8228, 0.3098, 0.3263



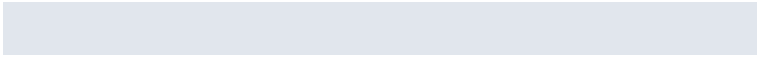
0.0000, 0.0000, 0.0000



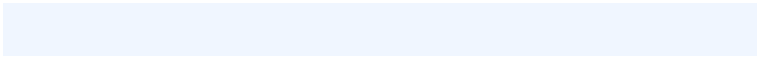
21.4041, 0.3127, 0.3290

Same Dimension

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



78.7189, 0.3050, 0.3216



91.5978, 0.3035, 0.3201



76.1843, 0.3058, 0.3164



16.2393, 0.3025, 0.3192



8.2924, 0.1694, 0.1298



0.8364, 0.1770, 0.1571

Inverse Universe

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



77.6093, 0.3179, 0.3239



90.0568, 0.3189, 0.3229



83.8575, 0.3195, 0.3413



15.9392, 0.3196, 0.3223



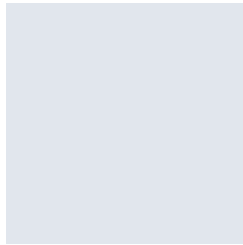
10.3299, 0.5329, 0.2710



0.8299, 0.4968, 0.2511

Previews

White Background



This preview shows how the Yxy color 78.7156, 0.3050, 0.3216 looks on a white background.

Color Contrast Check

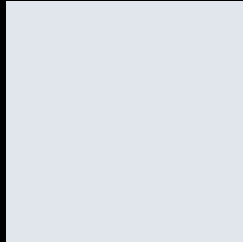
Large Text (above 18pt) WCAG AA × Fail

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 78.7156, 0.3050, 0.3216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

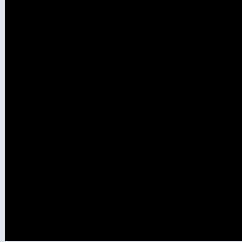
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

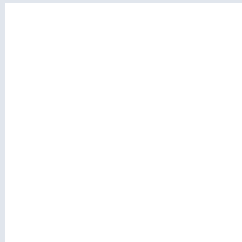
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.7156, 0.3050, 0.3216

Background



This preview shows how black text looks on a background with the Yxy color 78.7156, 0.3050, 0.3216.

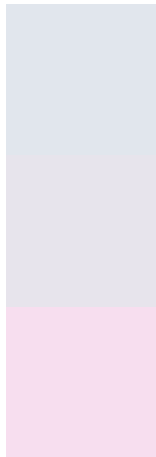


This preview shows how white text looks on a background with the Yxy color 78.7156, 0.3050, 0.3216.

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



Original Color

78.7156, 0.3050, 0.3216

Protanopia

78.5319, 0.3097, 0.3207

Deuteranopia

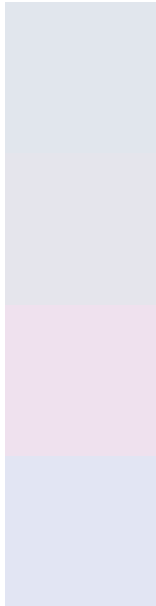
78.2487, 0.3191, 0.3119



Tritanopia

78.5331, 0.3002, 0.3093

Trichromacy



Original Color

78.7156, 0.3050, 0.3216

Protanomaly

78.7528, 0.3083, 0.3217

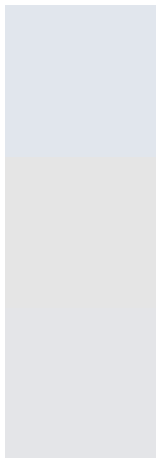
Deuteranomaly

78.3742, 0.3140, 0.3157

Tritanomaly

78.6784, 0.3020, 0.3144

Monochromacy



Original Color

78.7156, 0.3050, 0.3216

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

78.3588, 0.3101, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.7156, 0.3050, 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(225, 230, 237)` looks like.

```
.text, #text, p{  
    color:rgb(225, 230, 237)  
}
```

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(225, 230, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 230, 237) }
```

Border

The CSS property to change the border of an element to Yxy 78.7156, 0.3050, 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(225, 230, 237) }
```

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

```
.border{ border-color:rgb(225, 230, 237) }
```

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

Here you see how a box with a 4 pixel rgb(225, 230, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 230, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 230, 237);  
box-shadow:4px 4px 4px 4px rgb(225, 230,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 78.7156, 0.3050, 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(225, 230, 237) }
```

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

```
.background{ background-color: rgb(225,  
230, 237) }
```

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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