

Converting Colors

$Yxy(79.6074, 0.3059, 0.3237)$

Have a look what the booklet for
Yxy(79.6074, 0.3059, 0.3237)
contains.

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Color

Yxy(79.3767, 0.3062, 0.3238)

Conversions

Conversions Part 1

Format	Color
Hex	E2E7EC
RGB	226, 231, 236
RGB Percent	89%, 91%, 93%
CMY	0.1140, 0.0940, 0.0746
CMYK	0.04, 0.02, 0.00, 0.07
HSL	210°, 21%, 91%
HSV	210°, 4%, 93%
XYZ	75.0622, 79.3767, 90.7022
YIQ	230.0750, -4.5850, 0.4950

Conversions

Conversions Part 2

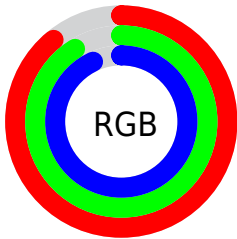
Format	Color
R_{YB}	226, 229, 236
Decimal	14870508
CIE Lab	91.40, -0.78, -3.00
CIE LCh	91, 3.105, 255.361
Yxy	79.3767, 0.3062, 0.3238
Android (android.graphics.Color)	4293060588 (0xFFE2E7EC)
YUV	230.0750, 2.9210, -3.5738
Hunter-Lab	89.0936, -5.5258, 2.0050

Details

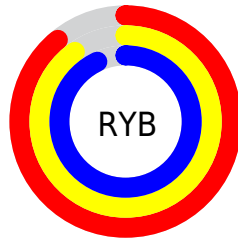
The Yxy color **79.3767, 0.3062, 0.3238** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.4044, 0.3194, 0.3341**, and the grayscale version is **79.1642, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.6132, 0.3052, 0.3222** is the 20% darker color. If you saturate the color by 10%, you get **69.5271, 0.2904, 0.3106**, and if you desaturate by 10%, it is **90.1909, 0.3213, 0.3356**.

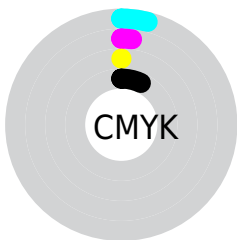
Distribution



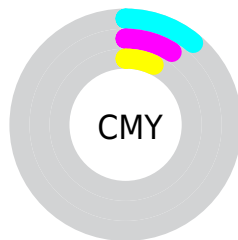
- Red (89%)
- Green (91%)
- Blue (93%)



- Red (89%)
- Yellow (90%)
- Blue (93%)



- Cyan (4%)
- Magenta (2%)
- Yellow (0%)
- Black (7%)



- Cyan (11%)
- Magenta (9%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.3767, 0.3062, 0.3238 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 79.3767, 0.3062, 0.3238 by changing the saturation by 10% instead.

■ 79.3767, 0.3062,
0.3238

■ 79.3767, 0.3062,
0.3238

492.8298, 0.3092,
0.3262

■ 59.2056, 0.3055,
0.3233

132.4890, 0.3072,
0.3246

■ 42.7786, 0.3047,
0.3226

166.1991, 0.3076,
0.3249

■ 29.7115, 0.3037,
0.3218

205.1908, 0.3080,
0.3252

■ 19.6197, 0.3023,
0.3207

249.8487, 0.3083,
0.3255

■ 12.1189, 0.3005,
0.3192

300.5572, 0.3085,
0.3257

■ 6.8247, 0.2980,
0.3172

357.7006, 0.3088,

■ 3.3527, 0.2941,

0.3259

0.3140

421.6633, 0.3090,
0.3260

■ 1.3185, 0.2874,
0.3085

■ 0.1555, 0.1939,
0.2344

■ 79.3767, 0.3062,
0.3238

■ 79.3767, 0.3062,
0.3238

■ 69.5271, 0.2904,
0.3106

■ 90.1909, 0.3213,
0.3356

■ 60.6023, 0.2742,
0.2958

■ 98.3850, 0.3239,
0.3467

■ 52.5743, 0.2578,
0.2797

■ 98.8347, 0.3238,
0.3474

■ 45.4097, 0.2416,
0.2623

■ 39.0727, 0.2261,
0.2438

■ 33.5244, 0.2117,
0.2246

■ 28.7216, 0.1992,
0.2051

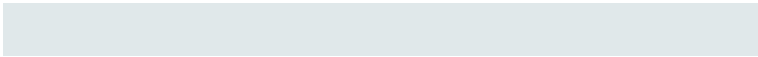
■ 24.6159, 0.1888,
0.1860

■ 21.1494, 0.1808,
0.1676

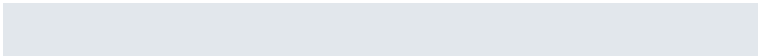
Harmonies

Analogous

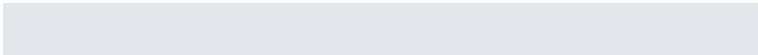
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.3767, 0.3057, 0.3262



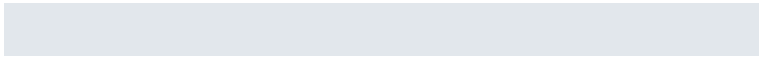
79.3767, 0.3062, 0.3238



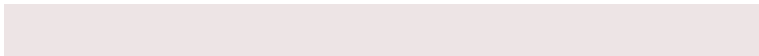
79.3767, 0.3084, 0.3228

Triad

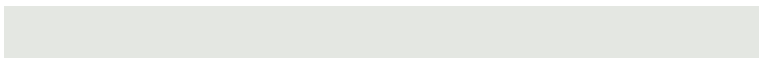
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.3767, 0.3062, 0.3238



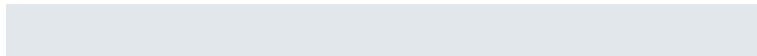
79.3767, 0.3184, 0.3286



79.3767, 0.3136, 0.3347

Complementary

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



79.3767, 0.3062, 0.3238



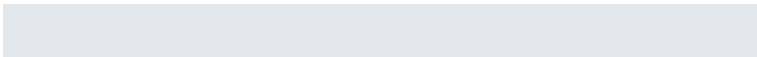
80.4044, 0.3194, 0.3341

Split Complementary

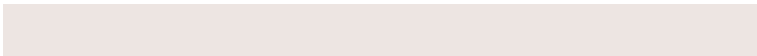
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.3767, 0.3170, 0.3353



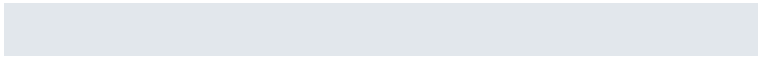
79.3767, 0.3062, 0.3238



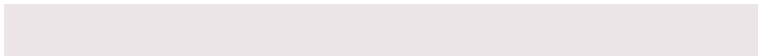
79.3767, 0.3198, 0.3318

Square

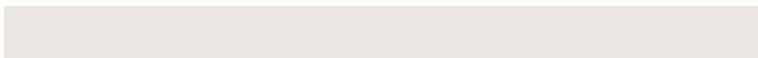
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



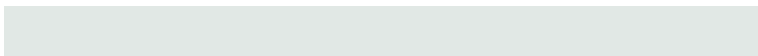
79.3767, 0.3062, 0.3238



79.3767, 0.3155, 0.3255



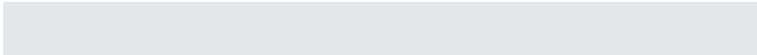
79.3767, 0.3193, 0.3342



79.3767, 0.3100, 0.3325

Rectangle

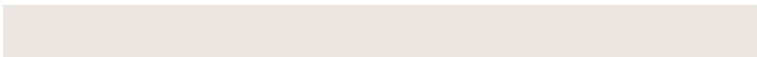
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.3767, 0.3062, 0.3238



79.3767, 0.3106, 0.3230



79.3767, 0.3193, 0.3342



79.3767, 0.3148, 0.3351

Sweetspot

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



79.3801, 0.3062, 0.3238



98.7201, 0.3112, 0.3278



81.8931, 0.3092, 0.3344



21.1437, 0.3113, 0.3279



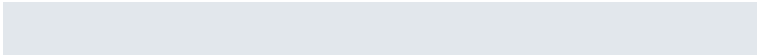
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



79.3801, 0.3062, 0.3238



93.7164, 0.3050, 0.3228



76.6628, 0.3063, 0.3186



16.6196, 0.3040, 0.3220



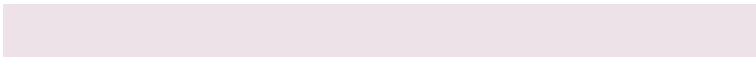
10.9567, 0.1779, 0.1604



1.0529, 0.1848, 0.1852

Inverse Universe

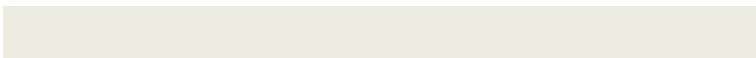
The Inverse Universe completely reimagines the original color for something new.



77.9583, 0.3164, 0.3237



91.7349, 0.3171, 0.3228



83.1969, 0.3190, 0.3392



16.2222, 0.3177, 0.3220



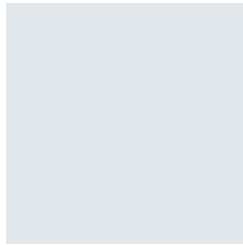
10.5989, 0.4927, 0.2488



0.8517, 0.4624, 0.2321

Previews

White Background



This preview shows how the Yxy color 79.3767, 0.3062, 0.3238 looks on a white background.

Color Contrast Check

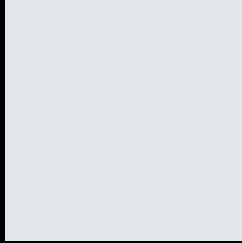
Large Text (above 18pt) WCAG AA × Fail

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 79.3767, 0.3062, 0.3238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

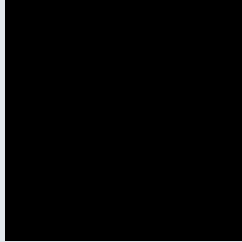
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

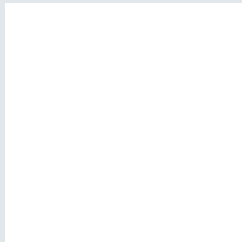
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.3767, 0.3062, 0.3238

Background



This preview shows how black text looks on a background with the Yxy color 79.3767, 0.3062, 0.3238.

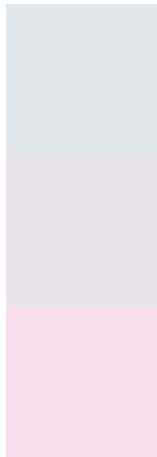


This preview shows how white text looks on a background with the Yxy color 79.3767, 0.3062, 0.3238.

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

79.3767, 0.3062, 0.3238

Protanopia

79.3604, 0.3116, 0.3228

Deuteranopia

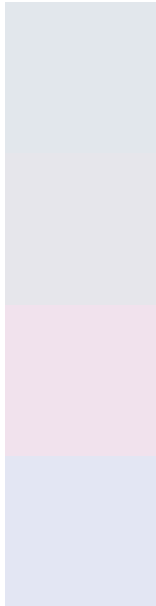
79.0881, 0.3212, 0.3140



Tritanopia

79.2480, 0.3008, 0.3104

Trichromacy



Original Color

79.3767, 0.3062, 0.3238

Protanomaly

79.4148, 0.3096, 0.3238

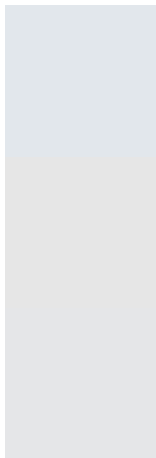
Deuteranomaly

79.2079, 0.3160, 0.3178

Tritanomaly

79.3956, 0.3026, 0.3155

Monochromacy



Original Color

79.3767, 0.3062, 0.3238

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

79.0778, 0.3108, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.3767, 0.3062, 0.3238 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(226, 231, 236)` looks like.

```
.text, #text, p{  
    color:rgb(226, 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(226, 231, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 231, 236) }
```

Border

The CSS property to change the border of an element to Yxy 79.3767, 0.3062, 0.3238 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(226, 231, 236) }
```

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

```
.border{ border-color:rgb(226, 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(226, 231, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 231, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 231, 236);  
box-shadow:4px 4px 4px 4px rgb(226, 231,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 79.3767, 0.3062, 0.3238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 231, 236) }
```

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

```
.background{ background-color: rgb(226,  
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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