

Converting Colors

Yxy(82.3692, 0.3057, 0.3238)

Have a look what the booklet for
Yxy(82.3692, 0.3057, 0.3238)
contains.

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Color

Yxy(82.3659, 0.3057, 0.3238)

Conversions

Conversions Part 1

Format	Color
Hex	E5EBF0
RGB	229, 235, 240
RGB Percent	90%, 92%, 94%
CMY	0.1018, 0.0785, 0.0588
CMYK	0.05, 0.02, 0.00, 0.06
HSL	207°, 27%, 92%
HSV	207°, 5%, 94%
XYZ	77.7618, 82.3659, 94.2451
YIQ	233.7760, -5.1810, 0.2830

Conversions

Conversions Part 2

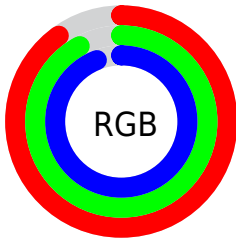
Format	Color
R_{YB}	229, 233, 240
Decimal	15068144
CIE Lab	92.74, -1.05, -3.13
CIE LCh	93, 3.298, 251.452
Yxy	82.3659, 0.3057, 0.3238
Android (android.graphics.Color)	4293258224 (0xFFE5EBF0)
YUV	233.7760, 3.0684, -4.1886
Hunter-Lab	90.7557, -5.8791, 1.9593

Details

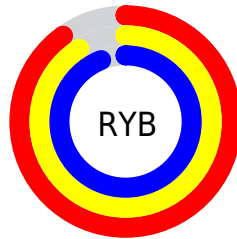
The Yxy color **82.3659, 0.3057, 0.3238** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.0717, 0.3199, 0.3341**, and the grayscale version is **82.0880, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.6996, 0.3045, 0.3223** is the 20% darker color. If you saturate the color by 10%, you get **72.5893, 0.2899, 0.3115**, and if you desaturate by 10%, it is **93.0842, 0.3209, 0.3348**.

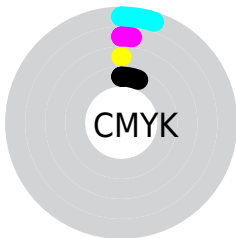
Distribution



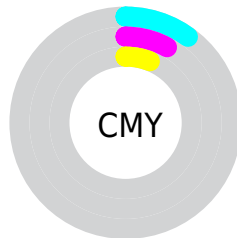
- Red (90%)
- Green (92%)
- Blue (94%)



- Red (90%)
- Yellow (91%)
- Blue (94%)



- Cyan (5%)
- Magenta (2%)
- Yellow (0%)
- Black (6%)



- Cyan (10%)
- Magenta (8%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.3659, 0.3057, 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 82.3659, 0.3057, 0.3238 by changing the saturation by 10% instead.

82.3659, 0.3057,
0.3238

82.3659, 0.3057,
0.3238

502.8708, 0.3089,
0.3262

61.6672, 0.3050,
0.3233

136.6870, 0.3068,
0.3246

44.7638, 0.3041,
0.3226

171.0782, 0.3072,
0.3249

31.2714, 0.3030,
0.3218

210.8023, 0.3076,
0.3252

20.8056, 0.3016,
0.3207

256.2437, 0.3079,
0.3254

12.9820, 0.2998,
0.3193

307.7869, 0.3082,
0.3257

7.4162, 0.2971,
0.3173

365.8162, 0.3084,

3.7237, 0.2931,

0.3258

0.3143

430.7160, 0.3087,
0.3260

■ 1.5202, 0.2864,
0.3091

■ 0.3029, 0.2355,
0.2720

■ 82.3659, 0.3057,
0.3238

■ 82.3659, 0.3057,
0.3238

■ 72.5893, 0.2899,
0.3115

■ 93.0842, 0.3209,
0.3348

■ 63.7146, 0.2738,
0.2978

■ 99.0719, 0.3214,
0.3434

■ 55.7145, 0.2577,
0.2828

■ 48.5560, 0.2419,
0.2666

■ 42.2036, 0.2269,
0.2495

■ 36.6186, 0.2131,
0.2317

■ 31.7582, 0.2011,
0.2136

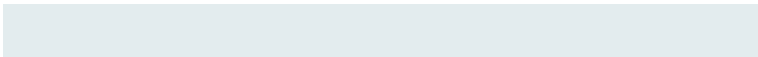
■ 27.5738, 0.1912,
0.1958

■ 24.0072, 0.1837,
0.1785

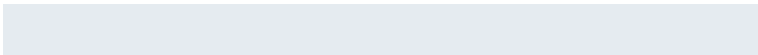
Harmonies

Analogous

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



82.3659, 0.3054, 0.3265



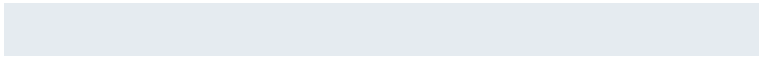
82.3659, 0.3057, 0.3238



82.3659, 0.3078, 0.3225

Triad

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



82.3659, 0.3057, 0.3238



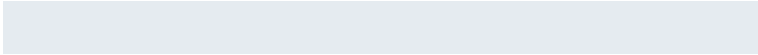
82.3659, 0.3184, 0.3281



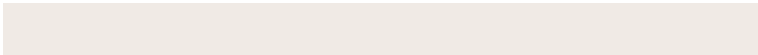
82.3659, 0.3141, 0.3352

Complementary

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



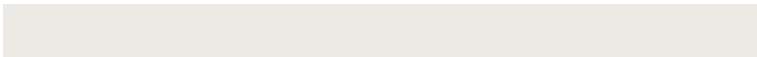
82.3659, 0.3057, 0.3238



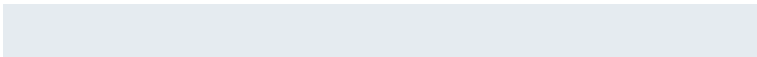
83.0717, 0.3199, 0.3341

Split Complementary

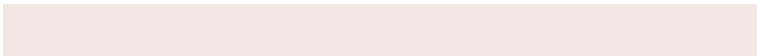
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.3659, 0.3176, 0.3356



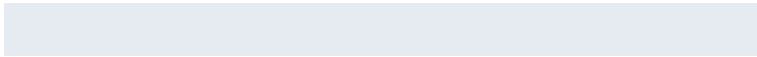
82.3659, 0.3057, 0.3238



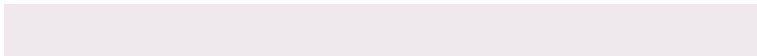
82.3659, 0.3201, 0.3315

Square

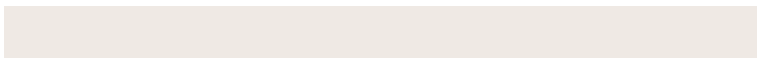
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



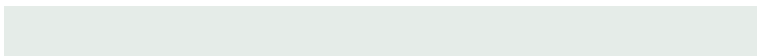
82.3659, 0.3057, 0.3238



82.3659, 0.3151, 0.3250



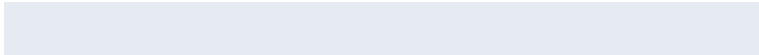
82.3659, 0.3198, 0.3342



82.3659, 0.3103, 0.3331

Rectangle

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



82.3659, 0.3057, 0.3238



82.3659, 0.3100, 0.3226



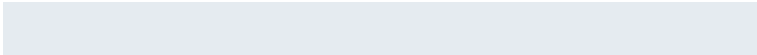
82.3659, 0.3198, 0.3342



82.3659, 0.3154, 0.3355

Sweetspot

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



82.3694, 0.3057, 0.3238



98.7768, 0.3112, 0.3279



84.9321, 0.3092, 0.3352



21.1552, 0.3113, 0.3279



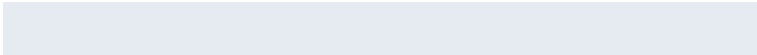
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



82.3694, 0.3057, 0.3238



93.9927, 0.3050, 0.3233



79.3272, 0.3058, 0.3182



17.4602, 0.3040, 0.3225



12.4675, 0.1812, 0.1721



1.2360, 0.1874, 0.1944

Inverse Universe

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



80.5903, 0.3164, 0.3230



91.7628, 0.3168, 0.3224



86.1914, 0.3195, 0.3396



16.9906, 0.3174, 0.3214



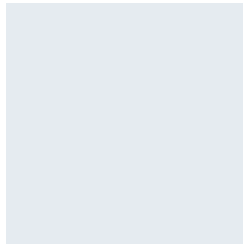
11.0519, 0.4780, 0.2407



0.9395, 0.4516, 0.2262

Previews

White Background



This preview shows how the Yxy color 82.3659, 0.3057, 0.3238 looks on a white background.

Color Contrast Check

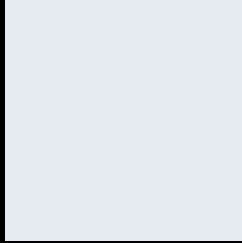
Large Text (above 18pt) WCAG AA × Fail

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 82.3659, 0.3057, 0.3238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

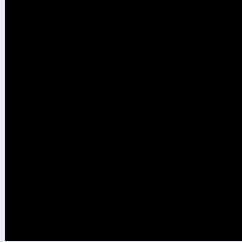
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

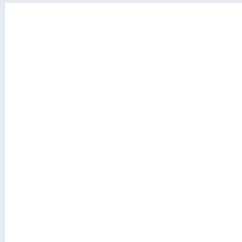
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.3659, 0.3057, 0.3238

Background



This preview shows how black text looks on a background with the Yxy color 82.3659, 0.3057, 0.3238.

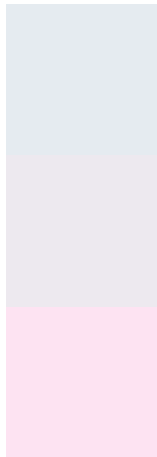


This preview shows how white text looks on a background with the Yxy color 82.3659, 0.3057, 0.3238.

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

82.3659, 0.3057, 0.3238

Protanopia

82.5143, 0.3117, 0.3229

Deuteranopia

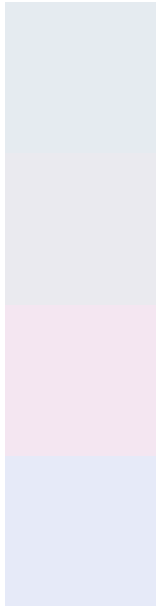
82.2316, 0.3210, 0.3142



Tritanopia

82.2950, 0.2998, 0.3097

Trichromacy



Original Color

82.3659, 0.3057, 0.3238

Protanomaly

82.5701, 0.3096, 0.3239

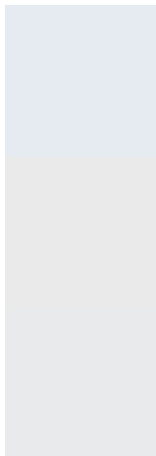
Deuteranomaly

82.1776, 0.3153, 0.3180

Tritanomaly

82.4459, 0.3015, 0.3147

Monochromacy



Original Color

82.3659, 0.3057, 0.3238

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

82.0576, 0.3101, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.3659, 0.3057, 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(229, 235, 240)` looks like.

```
.text, #text, p{  
    color:rgb(229, 235, 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(229, 235, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 235, 240) }
```

Border

The CSS property to change the border of an element to Yxy 82.3659, 0.3057, 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(229, 235, 240) }
```

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

```
.border{ border-color:rgb(229, 235, 240) }
```

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

Here you see how a box with a 4 pixel rgb(229, 235, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 235, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 235, 240);  
box-shadow:4px 4px 4px 4px rgb(229, 235,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 82.3659, 0.3057, 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(229, 235, 240) }
```

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

```
.background{ background-color: rgb(229,  
235, 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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