

Converting Colors

$Yxy(80.2462, 0.3012, 0.3205)$

Have a look what the booklet for
Yxy(80.2462, 0.3012, 0.3205)
contains.

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Color

Yxy(80.3167, 0.3012, 0.3206)

Conversions

Conversions Part 1

Format	Color
Hex	DFE9F1
RGB	223, 233, 241
RGB Percent	87%, 91%, 95%
CMY	0.1253, 0.0863, 0.0549
CMYK	0.07, 0.03, 0.00, 0.05
HSL	207°, 39%, 91%
HSV	207°, 7%, 95%
XYZ	75.4566, 80.3167, 94.7466
YIQ	230.9220, -8.5280, 0.3680

Conversions

Conversions Part 2

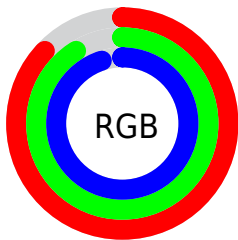
Format	Color
R _Y B	223, 229, 241
Decimal	14674417
CIE Lab	91.83, -1.80, -5.03
CIE LCh	92, 5.343, 250.349
Yxy	80.3167, 0.3012, 0.3206
Android (android.graphics.Color)	4292864497 (0xFFDFE9F1)
YUV	230.9220, 4.9685, -6.9476
Hunter-Lab	89.6196, -6.5434, 0.0518

Details

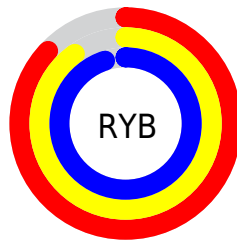
The Yxy color **80.3167, 0.3012, 0.3206** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **81.2112, 0.3247, 0.3373**, and the grayscale version is **79.8236, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.2719, 0.2987, 0.3182** is the 20% darker color. If you saturate the color by 10%, you get **70.8596, 0.2853, 0.3082**, and if you desaturate by 10%, it is **90.6960, 0.3166, 0.3317**.

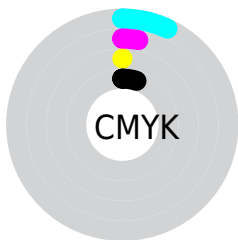
Distribution



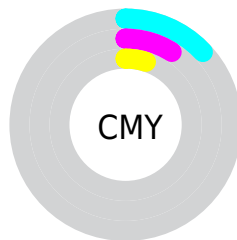
- Red (87%)
- Green (91%)
- Blue (95%)



- Red (87%)
- Yellow (90%)
- Blue (95%)



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



- Cyan (13%)
- Magenta (9%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 80.3167, 0.3012, 0.3206 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 80.3167, 0.3012, 0.3206 by changing the saturation by 10% instead.

■ 80.3167, 0.3012,
0.3206

■ 80.3167, 0.3012,
0.3206

495.9995, 0.3064,
0.3244

■ 59.9790, 0.3000,
0.3197

133.8109, 0.3030,
0.3219

■ 43.4017, 0.2986,
0.3187

167.7362, 0.3037,
0.3224

■ 30.2004, 0.2968,
0.3173

206.9595, 0.3043,
0.3229

■ 19.9908, 0.2945,
0.3156

251.8651, 0.3048,
0.3233

■ 12.3883, 0.2914,
0.3133

302.8376, 0.3053,
0.3236

■ 7.0087, 0.2870,
0.3099

360.2612, 0.3057,

■ 3.4676, 0.2803,

0.3239

0.3049

424.5204, 0.3061,
0.3242

■ 1.3804, 0.2690,
0.2961

■ 0.2022, 0.1608,
0.2192

■ 80.3167, 0.3012,
0.3206

■ 80.3167, 0.3012,
0.3206

■ 70.8596, 0.2853,
0.3082

■ 90.6960, 0.3166,
0.3317

■ 62.2851, 0.2693,
0.2945

■ 98.8037, 0.3209,
0.3420

■ 54.5653, 0.2533,
0.2796

■ 99.1311, 0.3209,
0.3425

■ 47.6669, 0.2378,
0.2636

■ 41.5538, 0.2232,
0.2467

■ 36.1865, 0.2101,
0.2293

■ 31.5209, 0.1989,
0.2117

■ 27.5064, 0.1898,
0.1944

■ 24.0782, 0.1831,
0.1778

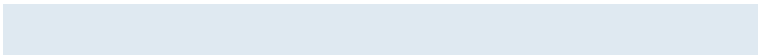
Harmonies

Analogous

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



80.3167, 0.3009, 0.3250



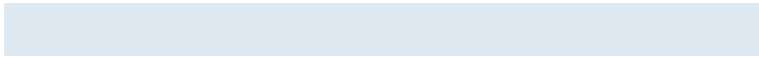
80.3167, 0.3012, 0.3206



80.3167, 0.3046, 0.3185

Triad

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



80.3167, 0.3012, 0.3206



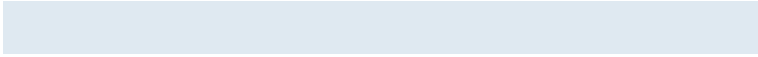
80.3167, 0.3218, 0.3273



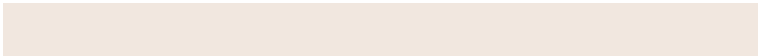
80.3167, 0.3152, 0.3392

Complementary

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



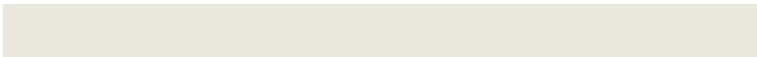
80.3167, 0.3012, 0.3206



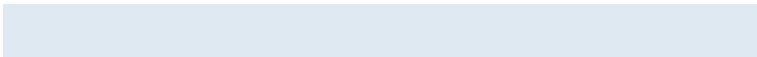
81.2112, 0.3247, 0.3373

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.



80.3167, 0.3209, 0.3397



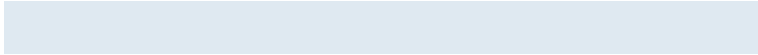
80.3167, 0.3012, 0.3206



80.3167, 0.3247, 0.3328

Square

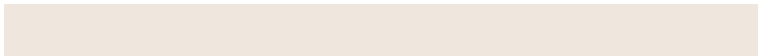
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.3167, 0.3012, 0.3206



80.3167, 0.3164, 0.3223



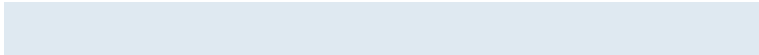
80.3167, 0.3244, 0.3373



80.3167, 0.3090, 0.3359

Rectangle

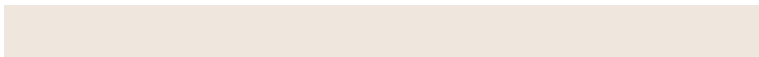
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.3167, 0.3012, 0.3206



80.3167, 0.3081, 0.3186



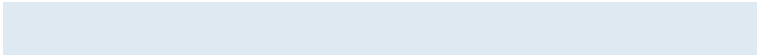
80.3167, 0.3244, 0.3373



80.3167, 0.3173, 0.3397

Sweetspot

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



80.3201, 0.3012, 0.3206



97.6032, 0.3096, 0.3268



84.3669, 0.3072, 0.3396



20.9163, 0.3098, 0.3269



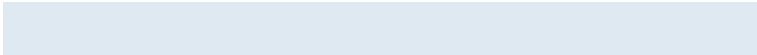
0.0000, 0.0000, 0.0000



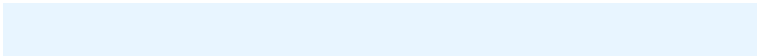
21.4041, 0.3127, 0.3290

Same Dimension

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



80.3201, 0.3012, 0.3206



89.5481, 0.2987, 0.3187



75.4848, 0.3012, 0.3113



16.6812, 0.2980, 0.3182



12.8948, 0.1823, 0.1763



1.2710, 0.1884, 0.1981

Inverse Universe

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



77.3813, 0.3188, 0.3188



85.5797, 0.3202, 0.3166



86.2376, 0.3239, 0.3461



15.9055, 0.3206, 0.3160



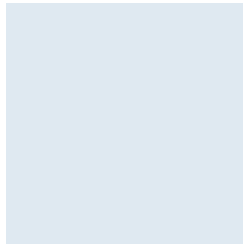
11.0951, 0.4730, 0.2379



0.9430, 0.4474, 0.2238

Previews

White Background



This preview shows how the Yxy color 80.3167, 0.3012, 0.3206 looks on a white background.

Color Contrast Check

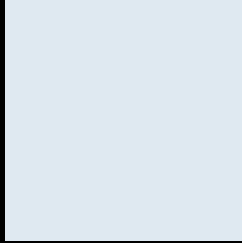
Large Text (above 18pt) WCAG AA × Fail

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 80.3167, 0.3012, 0.3206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

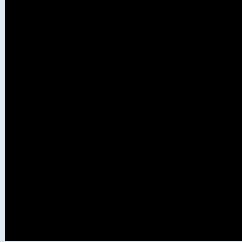
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

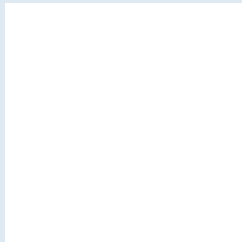
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 80.3167, 0.3012, 0.3206

Background



This preview shows how black text looks on a background with the Yxy color 80.3167, 0.3012, 0.3206.

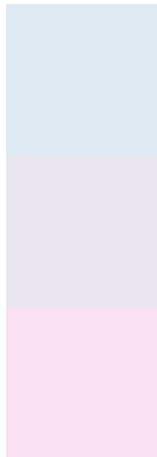


This preview shows how white text looks on a background with the Yxy color 80.3167, 0.3012, 0.3206.

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

80.3167, 0.3012, 0.3206

Protanopia

80.1493, 0.3091, 0.3197

Deuteranopia

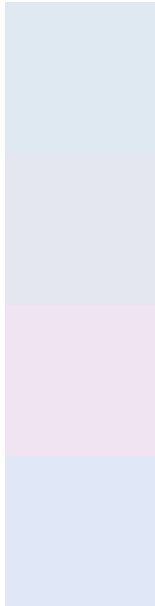
79.9221, 0.3178, 0.3101



Tritanopia

80.6229, 0.2971, 0.3104

Trichromacy



Original Color

80.3167, 0.3012, 0.3206

Protanomaly

80.1011, 0.3058, 0.3197

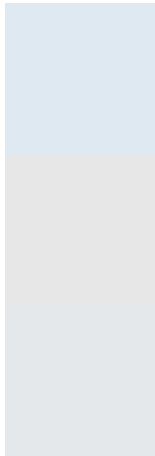
Deuteranomaly

79.8742, 0.3121, 0.3138

Tritanomaly

80.2759, 0.2982, 0.3134

Monochromacy



Original Color

80.3167, 0.3012, 0.3206

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

80.2054, 0.3082, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.3167, 0.3012, 0.3206 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, 233, 241)` looks like.

```
.text, #text, p{  
    color:rgb(223, 233, 241)  
}
```

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, 233, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 233, 241) }
```

Border

The CSS property to change the border of an element to Yxy 80.3167, 0.3012, 0.3206 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, 233, 241) }
```

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

```
.border{ border-color:rgb(223, 233, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 233, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 233, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 233, 241);  
box-shadow:4px 4px 4px 4px rgb(223, 233,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 80.3167, 0.3012, 0.3206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 233, 241) }
```

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

```
.background{ background-color: rgb(223,  
233, 241) }
```

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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