

Converting Colors

Yxy(82.0413, 0.2977, 0.3155)

Have a look what the booklet for
Yxy(82.0413, 0.2977, 0.3155)
contains.

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Color

Yxy(82.0413, 0.2977, 0.3155)

Conversions

Conversions Part 1

Format	Color
Hex	E0EBF8
RGB	224, 235, 248
RGB Percent	88%, 92%, 97%
CMY	0.1213, 0.0785, 0.0274
CMYK	0.10, 0.05, 0.00, 0.03
HSL	213°, 63%, 93%
HSV	213°, 10%, 97%
XYZ	77.4127, 82.0413, 100.5819
YIQ	233.1930, -10.7290, 1.7110

Conversions

Conversions Part 2

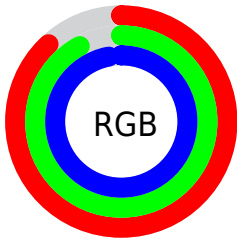
Format	Color
R_{YB}	224, 232, 248
Decimal	14740472
CIE Lab	92.59, -1.13, -7.55
CIE LCh	93, 7.638, 261.465
Yxy	82.0413, 0.2977, 0.3155
Android (android.graphics.Color)	4292930552 (0xFFE0EBF8)
YUV	233.1930, 7.2999, -8.0623
Hunter-Lab	90.5767, -5.9515, -2.4356

Details

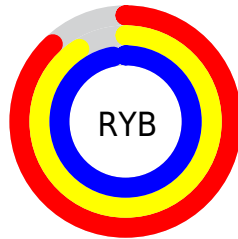
The Yxy color **82.0413, 0.2977, 0.3155** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.9866, 0.3283, 0.3421**, and the grayscale version is **81.5998, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.4810, 0.2943, 0.3117** is the 20% darker color. If you saturate the color by 10%, you get **70.9209, 0.2814, 0.2999**, and if you desaturate by 10%, it is **94.3342, 0.3132, 0.3295**.

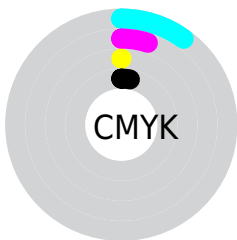
Distribution



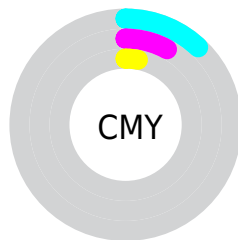
- Red (88%)
- Green (92%)
- Blue (97%)



- Red (88%)
- Yellow (91%)
- Blue (97%)



- Cyan (10%)
- Magenta (5%)
- Yellow (0%)
- Black (3%)



- Cyan (12%)
- Magenta (8%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.0413, 0.2977, 0.3155 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 82.0413, 0.2977, 0.3155 by changing the saturation by 10% instead.

■ 82.0413, 0.2977,
0.3155

■ 82.0413, 0.2977,
0.3155

501.7858, 0.3045,
0.3216

■ 61.3996, 0.2962,
0.3141

136.2319, 0.3000,
0.3176

■ 44.5477, 0.2943,
0.3125

170.5496, 0.3009,
0.3184

■ 31.1013, 0.2920,
0.3103

210.1947, 0.3017,
0.3191

■ 20.6760, 0.2890,
0.3076

255.5517, 0.3024,
0.3198

■ 12.8874, 0.2851,
0.3040

307.0049, 0.3030,
0.3203

■ 7.3511, 0.2795,
0.2989

364.9387, 0.3036,

■ 3.6826, 0.2711,

0.3208

0.2912

429.7376, 0.3040,
0.3212

■ 1.4976, 0.2572,
0.2782

■ 0.2871, 0.1786,
0.2091

■ 82.0413, 0.2977,
0.3155

■ 82.0413, 0.2977,
0.3155

■ 70.9209, 0.2814,
0.2999

■ 94.3342, 0.3132,
0.3295

■ 60.9248, 0.2647,
0.2826

■ 99.5589, 0.3167,
0.3357

■ 52.0164, 0.2478,
0.2638

■ 44.1526, 0.2312,
0.2437

■ 37.2875, 0.2155,
0.2226

■ 31.3703, 0.2013,
0.2011

■ 26.3451, 0.1892,
0.1798

■ 22.1470, 0.1796,
0.1595

■ 18.6819, 0.1725,
0.1407

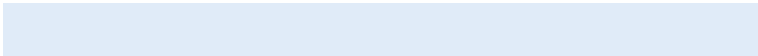
Harmonies

Analogous

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



82.0413, 0.2956, 0.3207



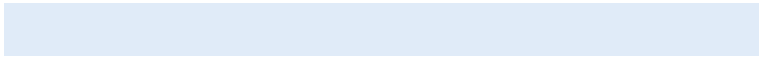
82.0413, 0.2977, 0.3155



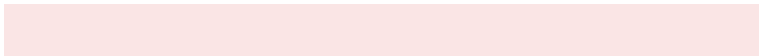
82.0413, 0.3038, 0.3140

Triad

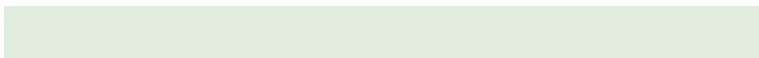
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.0413, 0.2977, 0.3155



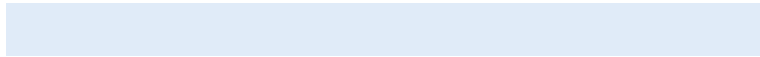
82.0413, 0.3276, 0.3295



82.0413, 0.3129, 0.3422

Complementary

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



82.0413, 0.2977, 0.3155



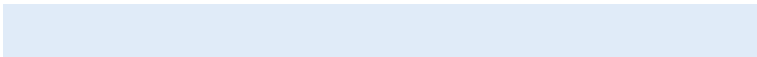
85.9866, 0.3283, 0.3421

Split Complementary

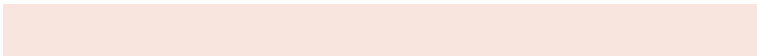
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.0413, 0.3216, 0.3445



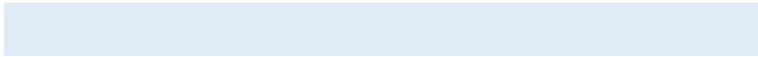
82.0413, 0.2977, 0.3155



82.0413, 0.3301, 0.3370

Square

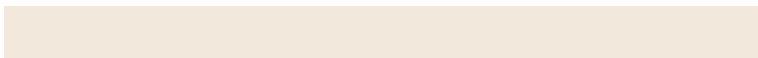
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



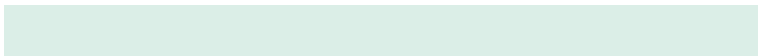
82.0413, 0.2977, 0.3155



82.0413, 0.3211, 0.3220



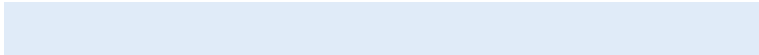
82.0413, 0.3279, 0.3425



82.0413, 0.3043, 0.3362

Rectangle

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



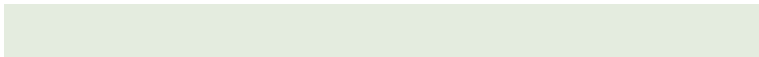
82.0413, 0.2977, 0.3155



82.0413, 0.3093, 0.3151



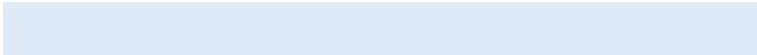
82.0413, 0.3279, 0.3425



82.0413, 0.3159, 0.3434

Sweetspot

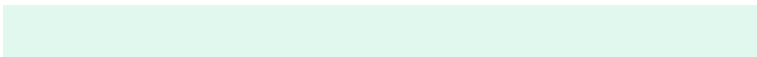
The Sweet Spot groups the original color and five complimentary colors.



82.0447, 0.2977, 0.3155



95.9479, 0.3081, 0.3250



89.1160, 0.3041, 0.3405



20.3091, 0.3069, 0.3239



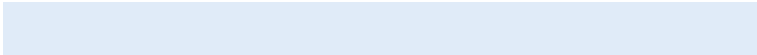
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



82.0447, 0.2977, 0.3155



84.4738, 0.2939, 0.3120



76.1202, 0.2981, 0.3041



17.9448, 0.2979, 0.3157



10.3029, 0.1730, 0.1429



1.1631, 0.1793, 0.1656

Inverse Universe

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



79.3117, 0.3224, 0.3181



80.9792, 0.3250, 0.3153



92.3521, 0.3266, 0.3529



17.3566, 0.3222, 0.3182



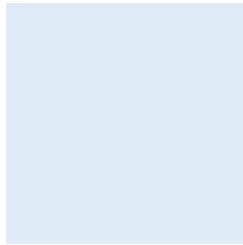
11.4510, 0.5152, 0.2612



1.0816, 0.4861, 0.2451

Previews

White Background



This preview shows how the Yxy color 82.0413, 0.2977, 0.3155 looks on a white background.

Color Contrast Check

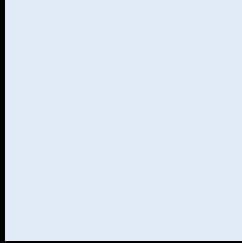
Large Text (above 18pt) WCAG AA × Fail

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 82.0413, 0.2977, 0.3155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

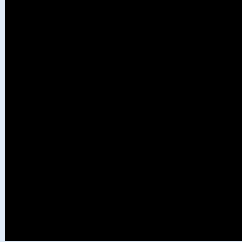
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

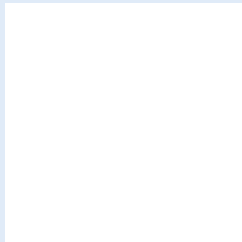
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.0413, 0.2977, 0.3155

Background



This preview shows how black text looks on a background with the Yxy color 82.0413, 0.2977, 0.3155.



This preview shows how white text looks on a background with the Yxy color 82.0413, 0.2977, 0.3155.

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

82.0413, 0.2977, 0.3155

Protanopia

81.8595, 0.3054, 0.3147

Deuteranopia

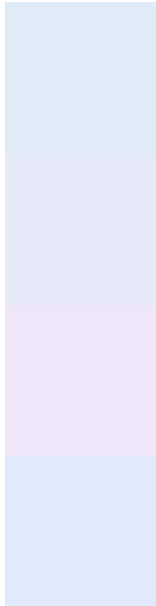
81.9800, 0.3131, 0.3063



Tritanopia

81.9450, 0.2954, 0.3095

Trichromacy



Original Color

82.0413, 0.2977, 0.3155

Protanomaly

81.8162, 0.3021, 0.3146

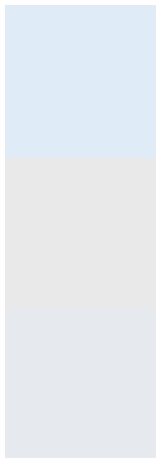
Deuteranomaly

81.9584, 0.3076, 0.3099

Tritanomaly

81.8182, 0.2965, 0.3115

Monochromacy



Original Color

82.0413, 0.2977, 0.3155

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

81.8417, 0.3076, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.0413, 0.2977, 0.3155 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, 235, 248)` looks like.

```
.text, #text, p{  
    color:rgb(224, 235, 248)  
}
```

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, 235, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 235, 248) }
```

Border

The CSS property to change the border of an element to Yxy 82.0413, 0.2977, 0.3155 is called "border". The border property can be set on classes, ids or directly on the HTML element.

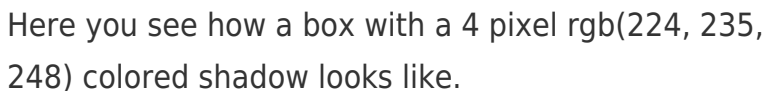
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(224, 235, 248) }
```

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

```
.border{ border-color:rgb(224, 235, 248) }
```

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



Here you see how a box with a 4 pixel rgb(224, 235, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 235, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 235, 248);  
box-shadow:4px 4px 4px 4px rgb(224, 235,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 82.0413, 0.2977, 0.3155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 235, 248) }
```

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

```
.background{ background-color: rgb(224,  
235, 248) }
```

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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