

Converting Colors

Yxy(81.2490, 0.2976, 0.3155)

Have a look what the booklet for
Yxy(81.2490, 0.2976, 0.3155)
contains.

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Color

Yxy(81.2490, 0.2976, 0.3155)

Conversions

Conversions Part 1

Format	Color
Hex	DFEAF7
RGB	223, 234, 247
RGB Percent	87%, 92%, 97%
CMY	0.1255, 0.0823, 0.0314
CMYK	0.10, 0.05, 0.00, 0.03
HSL	212°, 60%, 92%
HSV	212°, 10%, 97%
XYZ	76.6393, 81.2490, 99.6363
YIQ	232.1930, -10.7290, 1.7110

Conversions

Conversions Part 2

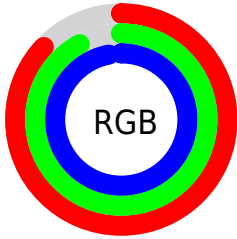
Format	Color
R _Y B	223, 231, 247
Decimal	14674679
CIE Lab	92.24, -1.18, -7.55
CIE LCh	92, 7.637, 261.097
Yxy	81.2490, 0.2976, 0.3155
Android (android.graphics.Color)	4292864759 (0xFFDFEAF7)
YUV	232.1930, 7.2999, -8.0623
Hunter-Lab	90.1382, -5.9737, -2.4407

Details

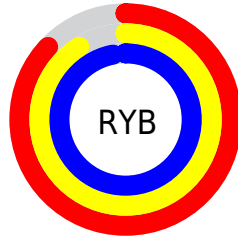
The Yxy color **81.2490, 0.2976, 0.3155** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **85.0791, 0.3284, 0.3421**, and the grayscale version is **80.7991, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.9272, 0.2942, 0.3116** is the 20% darker color. If you saturate the color by 10%, you get **70.2869, 0.2813, 0.3000**, and if you desaturate by 10%, it is **93.3640, 0.3131, 0.3294**.

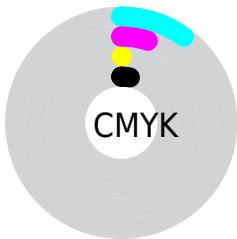
Distribution



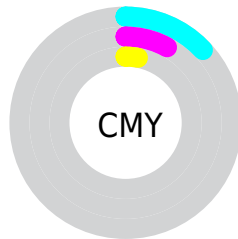
- Red (87%)
- Green (92%)
- Blue (97%)



- Red (87%)
- Yellow (91%)
- Blue (97%)



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



- Cyan (13%)
- Magenta (8%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.2490, 0.2976, 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 81.2490, 0.2976, 0.3155 by changing the saturation by 10% instead.

81.2490, 0.2976,
0.3155

81.2490, 0.2976,
0.3155

499.1321, 0.3044,
0.3216

60.7467, 0.2961,
0.3141

135.1203, 0.2999,
0.3176

44.0208, 0.2942,
0.3124

169.2582, 0.3009,
0.3184

30.6868, 0.2919,
0.3103

208.7100, 0.3017,
0.3191

20.3605, 0.2888,
0.3076

253.8601, 0.3024,
0.3198

12.6574, 0.2848,
0.3039

305.0930, 0.3030,
0.3203

7.1930, 0.2791,
0.2988

362.7930, 0.3035,

3.5831, 0.2706,

0.3208

0.2909

427.3446, 0.3040,
0.3212

■ 1.4432, 0.2564,
0.2777

■ 0.2482, 0.1653,
0.1981

■ 81.2490, 0.2976,
0.3155

■ 81.2490, 0.2976,
0.3155

■ 70.2869, 0.2813,
0.3000

■ 93.3640, 0.3131,
0.3294

■ 60.4304, 0.2646,
0.2829

■ 99.4953, 0.3173,
0.3367

■ 51.6432, 0.2478,
0.2642

■ 43.8833, 0.2313,
0.2442

■ 37.1052, 0.2156,
0.2232

■ 31.2592, 0.2015,
0.2019

■ 26.2900, 0.1894,
0.1807

■ 22.1339, 0.1799,
0.1605

■ 18.6973, 0.1728,
0.1418

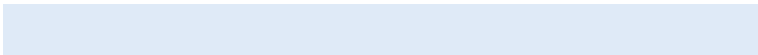
Harmonies

Analogous

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



81.2490, 0.2956, 0.3208



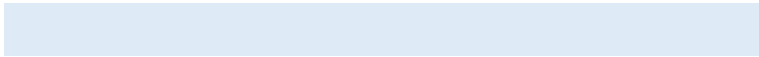
81.2490, 0.2976, 0.3155



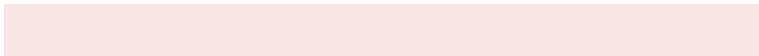
81.2490, 0.3037, 0.3139

Triad

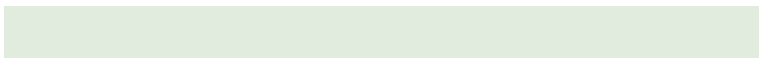
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.2490, 0.2976, 0.3155



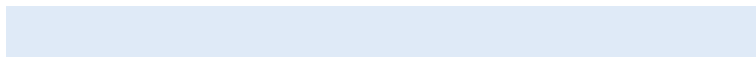
81.2490, 0.3276, 0.3294



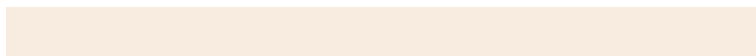
81.2490, 0.3130, 0.3423

Complementary

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



81.2490, 0.2976, 0.3155



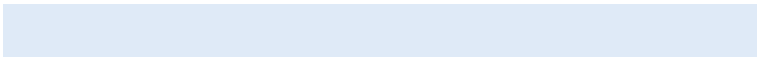
85.0791, 0.3284, 0.3421

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.



81.2490, 0.3217, 0.3445



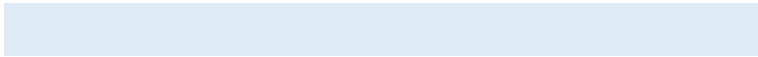
81.2490, 0.2976, 0.3155



81.2490, 0.3302, 0.3369

Square

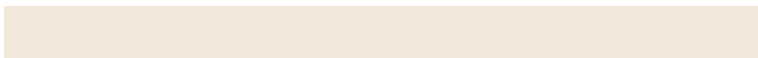
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.2490, 0.2976, 0.3155



81.2490, 0.3210, 0.3219



81.2490, 0.3280, 0.3425



81.2490, 0.3044, 0.3363

Rectangle

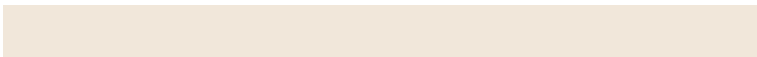
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.2490, 0.2976, 0.3155



81.2490, 0.3092, 0.3150



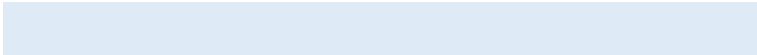
81.2490, 0.3280, 0.3425



81.2490, 0.3161, 0.3435

Sweetspot

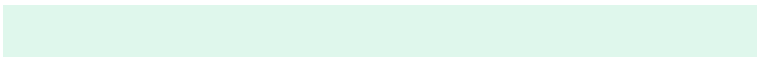
The Sweet Spot groups the original color and five complimentary colors.



81.2524, 0.2976, 0.3155



95.9656, 0.3081, 0.3250



88.2508, 0.3041, 0.3406



20.3139, 0.3069, 0.3239



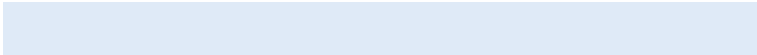
0.0000, 0.0000, 0.0000



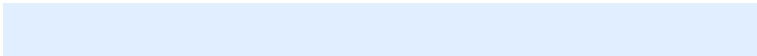
21.4041, 0.3127, 0.3290

Same Dimension

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



81.2524, 0.2976, 0.3155



84.5401, 0.2939, 0.3121



75.2983, 0.2980, 0.3039



17.1801, 0.2980, 0.3159



10.1186, 0.1734, 0.1443



1.0924, 0.1800, 0.1680

Inverse Universe

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



78.4843, 0.3224, 0.3179



80.9858, 0.3250, 0.3152



91.4762, 0.3267, 0.3530



16.6091, 0.3221, 0.3182



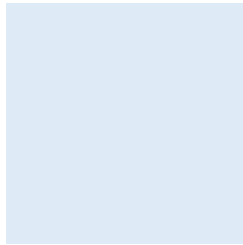
11.1209, 0.5134, 0.2602



0.9979, 0.4831, 0.2435

Previews

White Background



This preview shows how the Yxy color 81.2490, 0.2976, 0.3155 looks on a white background.

Color Contrast Check

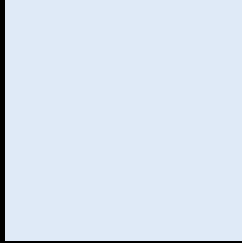
Large Text (above 18pt) WCAG AA × Fail

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 81.2490, 0.2976, 0.3155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

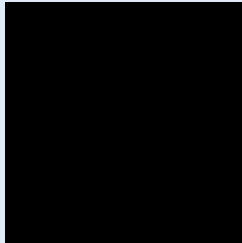
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

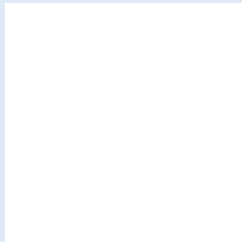
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.2490, 0.2976, 0.3155

Background



This preview shows how black text looks on a background with the Yxy color 81.2490, 0.2976, 0.3155.

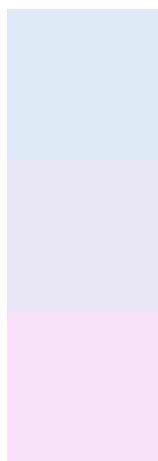


This preview shows how white text looks on a background with the Yxy color 81.2490, 0.2976, 0.3155.

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

81.2490, 0.2976, 0.3155

Protanopia

81.0680, 0.3053, 0.3147

Deuteranopia

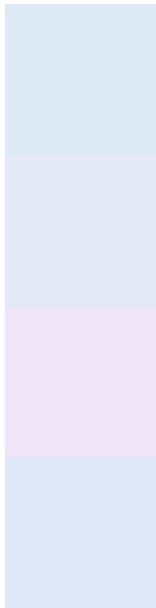
81.1887, 0.3131, 0.3062



Tritanopia

81.1534, 0.2953, 0.3094

Trichromacy



Original Color

81.2490, 0.2976, 0.3155

Protanomaly

81.0251, 0.3021, 0.3146

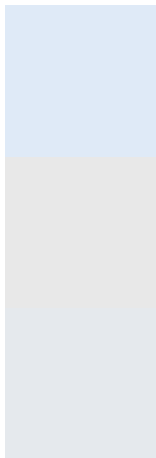
Deuteranomaly

81.1667, 0.3075, 0.3099

Tritanomaly

81.0272, 0.2965, 0.3114

Monochromacy



Original Color

81.2490, 0.2976, 0.3155

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

81.0503, 0.3076, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.2490, 0.2976, 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(223, 234, 247)` looks like.

```
.text, #text, p{  
    color:rgb(223, 234, 247)  
}
```

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, 234, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 234, 247) }
```

Border

The CSS property to change the border of an element to Yxy 81.2490, 0.2976, 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(223, 234, 247) }
```

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

```
.border{ border-color:rgb(223, 234, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 234, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 234, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 234, 247);  
box-shadow:4px 4px 4px 4px rgb(223, 234,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 81.2490, 0.2976, 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(223, 234, 247) }
```

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

```
.background{ background-color: rgb(223,  
234, 247) }
```

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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