

Converting Colors

$Yxy(81.1615, 0.2968, 0.3227)$

Have a look what the booklet for
Yxy(81.1615, 0.2968, 0.3227)
contains.

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Color

Yxy(81.1534, 0.2967, 0.3226)

Conversions

Conversions Part 1

Format	Color
Hex	D9ECF2
RGB	217, 236, 242
RGB Percent	85%, 93%, 95%
CMY	0.1491, 0.0745, 0.0508
CMYK	0.10, 0.02, 0.00, 0.05
HSL	194°, 49%, 90%
HSV	194°, 10%, 95%
XYZ	74.6380, 81.1534, 95.7691
YIQ	231.0030, -13.2500, -2.1620

Conversions

Conversions Part 2

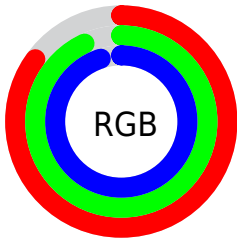
Format	Color
R _Y B	217, 228, 242
Decimal	14281970
CIE Lab	92.20, -5.09, -5.07
CIE LCh	92, 7.183, 224.930
Yxy	81.1534, 0.2967, 0.3226
Android (android.graphics.Color)	4292472050 (0xFFD9ECF2)
YUV	231.0030, 5.4215, -12.2806
Hunter-Lab	90.0852, -9.7570, 0.0288

Details

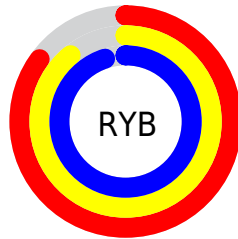
The Yxy color **81.1534, 0.2967, 0.3226** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.6789, 0.3304, 0.3353**, and the grayscale version is **79.8811, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.8691, 0.2931, 0.3208** is the 20% darker color. If you saturate the color by 10%, you get **74.4128, 0.2814, 0.3158**, and if you desaturate by 10%, it is **88.5544, 0.3122, 0.3288**.

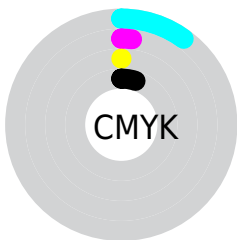
Distribution



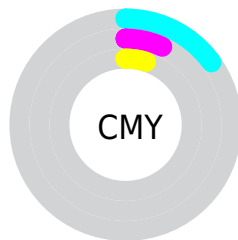
- Red (85%)
- Green (93%)
- Blue (95%)



- Red (85%)
- Yellow (89%)
- Blue (95%)



- Cyan (10%)
- Magenta (2%)
- Yellow (0%)
- Black (5%)



- Cyan (15%)
- Magenta (7%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.1534, 0.2967, 0.3226 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 81.1534, 0.2967, 0.3226 by changing the saturation by 10% instead.

81.1534, 0.2967,
0.3226

81.1534, 0.2967,
0.3226

498.8114, 0.3039,
0.3256

60.6679, 0.2951,
0.3219

134.9861, 0.2992,
0.3236

43.9572, 0.2931,
0.3211

169.1022, 0.3002,
0.3240

30.6369, 0.2906,
0.3200

208.5306, 0.3010,
0.3244

20.3225, 0.2874,
0.3187

253.6558, 0.3017,
0.3247

12.6297, 0.2832,
0.3168

304.8620, 0.3024,
0.3249

7.1741, 0.2772,
0.3142

362.5338, 0.3030,

3.5712, 0.2682,

0.3252

0.3100

427.0554, 0.3035,
0.3254

■ 1.4367, 0.2532,
0.3028

■ 0.2435, 0.1106,
0.2509

■ 81.1534, 0.2967,
0.3226

■ 81.1534, 0.2967,
0.3226

■ 74.4128, 0.2814,
0.3158

■ 88.5544, 0.3122,
0.3288

■ 68.2977, 0.2666,
0.3084

■ 94.6049, 0.3208,
0.3345

■ 62.7852, 0.2527,
0.3005

■ 98.2402, 0.3204,
0.3400

■ 57.8469, 0.2399,
0.2921

■ 99.1935, 0.3202,
0.3414

■ 53.4515, 0.2286,
0.2833

■ 49.5643, 0.2191,
0.2743

■ 46.1458, 0.2115,
0.2653

■ 43.1490, 0.2059,
0.2563

■ 40.5841, 0.2022,
0.2477

Harmonies

Analogous

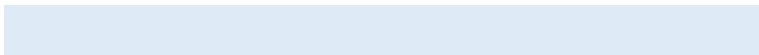
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.1534, 0.2999, 0.3300



81.1534, 0.2967, 0.3226



81.1534, 0.2978, 0.3171

Triad

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



81.1534, 0.2967, 0.3226



81.1534, 0.3189, 0.3210



81.1534, 0.3226, 0.3435

Complementary

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



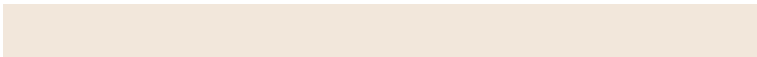
81.1534, 0.2967, 0.3226



76.6789, 0.3304, 0.3353

Split Complementary

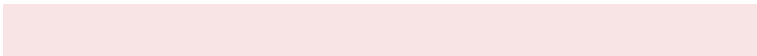
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.1534, 0.3279, 0.3409



81.1534, 0.2967, 0.3226



81.1534, 0.3257, 0.3278

Square

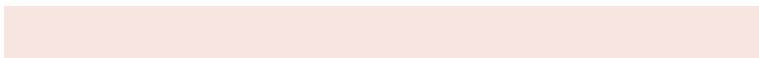
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



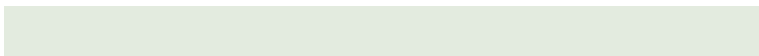
81.1534, 0.2967, 0.3226



81.1534, 0.3105, 0.3162



81.1534, 0.3290, 0.3351



81.1534, 0.3148, 0.3422

Rectangle

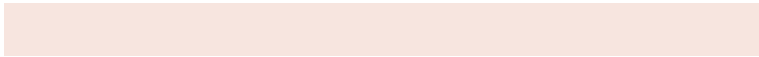
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



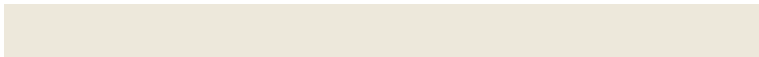
81.1534, 0.2967, 0.3226



81.1534, 0.3007, 0.3151



81.1534, 0.3290, 0.3351



81.1534, 0.3248, 0.3431

Sweetspot

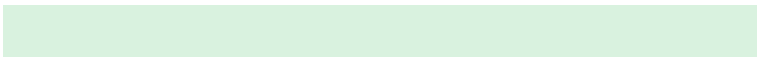
The Sweet Spot groups the original color and five complimentary colors.



81.1568, 0.2967, 0.3226



97.4076, 0.3081, 0.3272



83.5982, 0.3080, 0.3495



20.7034, 0.3068, 0.3267



0.0000, 0.0000, 0.0000



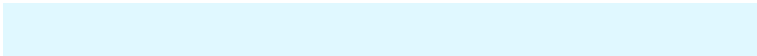
21.4041, 0.3127, 0.3290

Same Dimension

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



81.1568, 0.2967, 0.3226



90.0376, 0.2941, 0.3215



74.2928, 0.2965, 0.3094



17.2460, 0.2981, 0.3232



22.0162, 0.2026, 0.2492



1.9842, 0.2058, 0.2609

Inverse Universe

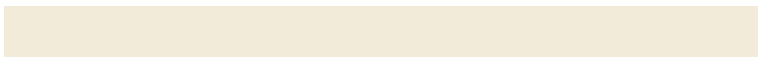
The Inverse Universe completely reimagines the original color for something new.



74.5569, 0.3180, 0.3096



81.5408, 0.3189, 0.3063



83.5175, 0.3289, 0.3479



15.9625, 0.3175, 0.3112



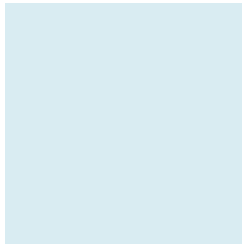
12.0159, 0.3930, 0.1939



1.0150, 0.3815, 0.1875

Previews

White Background



This preview shows how the Yxy color 81.1534, 0.2967, 0.3226 looks on a white background.

Color Contrast Check

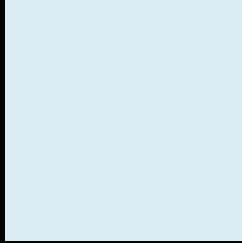
Large Text (above 18pt) WCAG AA × Fail

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 81.1534, 0.2967, 0.3226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

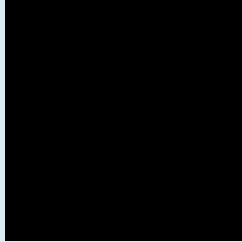
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

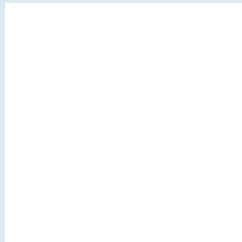
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.1534, 0.2967, 0.3226

Background



This preview shows how black text looks on a background with the Yxy color 81.1534, 0.2967, 0.3226.

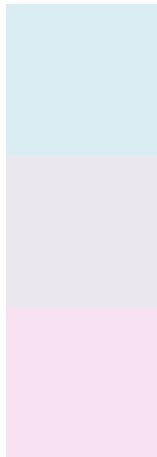


This preview shows how white text looks on a background with the Yxy color 81.1534, 0.2967, 0.3226.

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

81.1534, 0.2967, 0.3226

Protanopia

80.8762, 0.3097, 0.3208

Deuteranopia

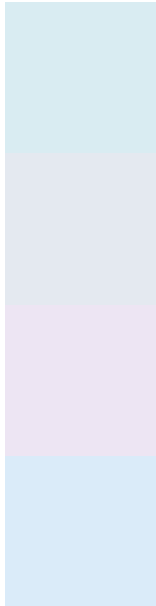
80.5218, 0.3171, 0.3101



Tritanopia

80.9976, 0.2916, 0.3093

Trichromacy



Original Color

81.1534, 0.2967, 0.3226

Protanomaly

81.0631, 0.3051, 0.3217

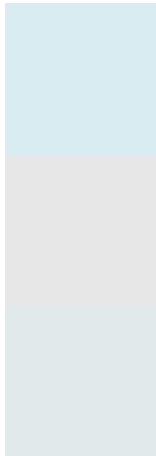
Deuteranomaly

80.5142, 0.3093, 0.3148

Tritanomaly

81.1616, 0.2933, 0.3144

Monochromacy



Original Color

81.1534, 0.2967, 0.3226

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

80.4447, 0.3068, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.1534, 0.2967, 0.3226 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(217, 236, 242)` looks like.

```
.text, #text, p{  
    color:rgb(217, 236, 242)  
}
```

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(217, 236, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 236, 242) }
```

Border

The CSS property to change the border of an element to Yxy 81.1534, 0.2967, 0.3226 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(217, 236, 242) }
```

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

```
.border{ border-color:rgb(217, 236, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 236, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 236, 242); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 236, 242); box-shadow:4px 4px 4px 4px rgb(217, 236, 242) }
```


Background

The CSS property to change the background color of an element to Yxy 81.1534, 0.2967, 0.3226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 236, 242) }
```

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

```
.background{ background-color: rgb(217,  
236, 242) }
```

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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