

Converting Colors

Yxy(82.2968, 0.2941, 0.3227)

Have a look what the booklet for
Yxy(82.2968, 0.2941, 0.3227)
contains.

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Color

Yxy(82.1278, 0.2944, 0.3226)

Conversions

Conversions Part 1

Format	Color
Hex	D7EEF4
RGB	215, 238, 244
RGB Percent	84%, 93%, 96%
CMY	0.1565, 0.0667, 0.0431
CMYK	0.12, 0.02, 0.00, 0.04
HSL	193°, 57%, 90%
HSV	193°, 12%, 96%
XYZ	74.9486, 82.1278, 97.5045
YIQ	231.8070, -15.6340, -3.0100

Conversions

Conversions Part 2

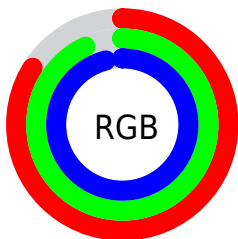
Format	Color
R _Y B	215, 228, 244
Decimal	14151412
CIE Lab	92.63, -6.31, -5.48
CIE LCh	93, 8.354, 220.993
Yxy	82.1278, 0.2944, 0.3226
Android (android.graphics.Color)	4292341492 (0xFFD7EEF4)
YUV	231.8070, 6.0111, -14.7397
Hunter-Lab	90.6244, -10.9688, -0.3542

Details

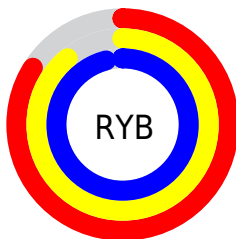
The Yxy color **82.1278, 0.2944, 0.3226** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.9264, 0.3333, 0.3353**, and the grayscale version is **80.5199, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.5603, 0.2901, 0.3208** is the 20% darker color. If you saturate the color by 10%, you get **75.7831, 0.2793, 0.3166**, and if you desaturate by 10%, it is **89.1143, 0.3098, 0.3280**.

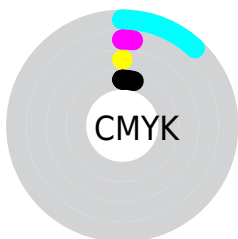
Distribution



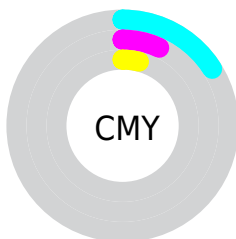
- Red (84%)
- Green (93%)
- Blue (96%)



- Red (84%)
- Yellow (89%)
- Blue (96%)



- Cyan (12%)
- Magenta (2%)
- Yellow (0%)
- Black (4%)



- Cyan (16%)
- Magenta (7%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.1278, 0.2944, 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 82.1278, 0.2944, 0.3226 by changing the saturation by 10% instead.

82.1278, 0.2944,
0.3226

82.1278, 0.2944,
0.3226

502.0751, 0.3027,
0.3256

61.4709, 0.2926,
0.3219

136.3532, 0.2972,
0.3236

44.6053, 0.2903,
0.3211

170.6905, 0.2983,
0.3240

31.1466, 0.2875,
0.3200

210.3567, 0.2993,
0.3244

20.7105, 0.2839,
0.3187

255.7362, 0.3001,
0.3247

12.9126, 0.2791,
0.3168

307.2134, 0.3009,
0.3249

7.3684, 0.2724,
0.3141

365.1726, 0.3015,

3.6935, 0.2623,

0.3252

0.3099

429.9984, 0.3021,
0.3254

■ 1.5036, 0.2457,
0.3025

■ 0.2913, 0.1103,
0.2614

■ 82.1278, 0.2944,
0.3226

■ 82.1278, 0.2944,
0.3226

■ 75.7831, 0.2793,
0.3166

■ 89.1143, 0.3098,
0.3280

■ 70.0449, 0.2648,
0.3102

■ 95.0304, 0.3196,
0.3330

■ 64.8898, 0.2513,
0.3033

■ 98.2075, 0.3192,
0.3379

■ 60.2888, 0.2391,
0.2960

■ 99.3129, 0.3191,
0.3395

■ 56.2100, 0.2285,
0.2885

■ 52.6178, 0.2198,
0.2808

■ 49.4712, 0.2130,
0.2731

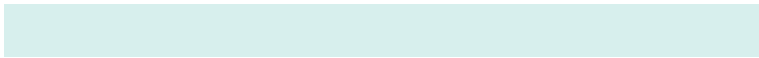
■ 46.7213, 0.2081,
0.2654

■ 44.7133, 0.2053,
0.2592

Harmonies

Analogous

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



82.1278, 0.2986, 0.3313



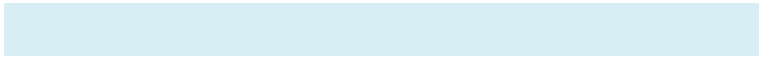
82.1278, 0.2944, 0.3226



82.1278, 0.2950, 0.3158

Triad

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



82.1278, 0.2944, 0.3226



82.1278, 0.3186, 0.3188



82.1278, 0.3252, 0.3457

Complementary

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



82.1278, 0.2944, 0.3226



75.9264, 0.3333, 0.3353

Split Complementary

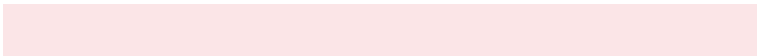
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.1278, 0.3308, 0.3420



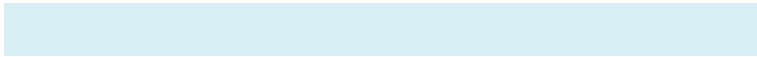
82.1278, 0.2944, 0.3226



82.1278, 0.3269, 0.3265

Square

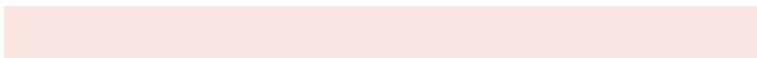
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.1278, 0.2944, 0.3226



82.1278, 0.3088, 0.3138



82.1278, 0.3314, 0.3350



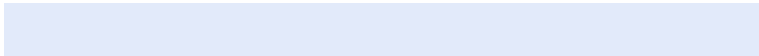
82.1278, 0.3164, 0.3448

Rectangle

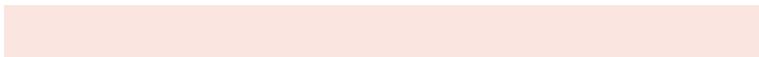
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



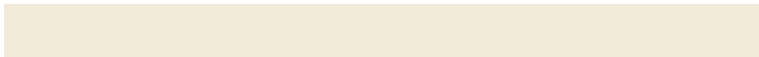
82.1278, 0.2944, 0.3226



82.1278, 0.2980, 0.3132



82.1278, 0.3314, 0.3350



82.1278, 0.3275, 0.3449

Sweetspot

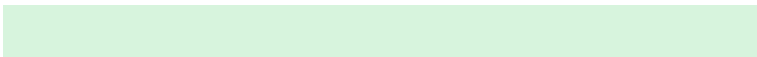
The Sweet Spot groups the original color and five complimentary colors.



82.1312, 0.2944, 0.3226



96.7658, 0.3065, 0.3269



84.3872, 0.3078, 0.3537



20.5845, 0.3053, 0.3265



0.0000, 0.0000, 0.0000



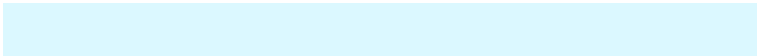
21.4041, 0.3127, 0.3290

Same Dimension

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



82.1312, 0.2944, 0.3226



89.1846, 0.2911, 0.3213



74.1789, 0.2941, 0.3074



18.1361, 0.2980, 0.3239



24.5123, 0.2057, 0.2604



2.2983, 0.2083, 0.2700

Inverse Universe

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



74.0536, 0.3182, 0.3057



78.8291, 0.3193, 0.3013



83.7589, 0.3315, 0.3497



16.7056, 0.3170, 0.3105



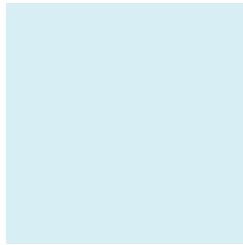
12.5739, 0.3820, 0.1878



1.1196, 0.3728, 0.1827

Previews

White Background



This preview shows how the Yxy color 82.1278, 0.2944, 0.3226 looks on a white background.

Color Contrast Check

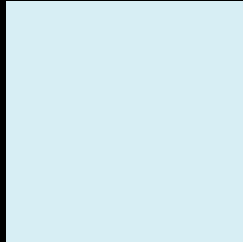
Large Text (above 18pt) WCAG AA × Fail

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 82.1278, 0.2944, 0.3226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

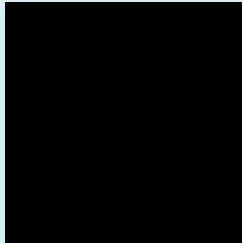
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

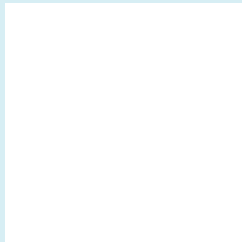
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.1278, 0.2944, 0.3226

Background



This preview shows how black text looks on a background with the Yxy color 82.1278, 0.2944, 0.3226.

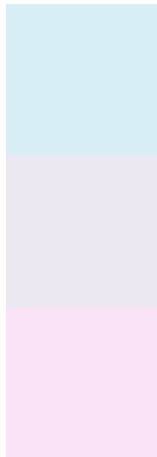


This preview shows how white text looks on a background with the Yxy color 82.1278, 0.2944, 0.3226.

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

82.1278, 0.2944, 0.3226

Protanopia

81.8970, 0.3098, 0.3198

Deuteranopia

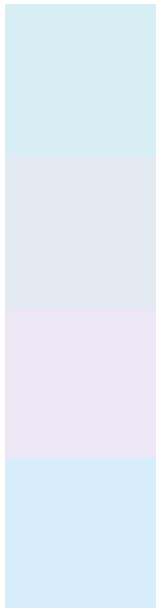
81.9160, 0.3163, 0.3102



Tritanopia

81.9626, 0.2893, 0.3093

Trichromacy



Original Color

82.1278, 0.2944, 0.3226

Protanomaly

81.7504, 0.3038, 0.3207

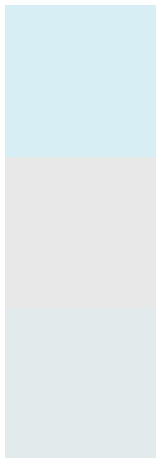
Deuteranomaly

81.7489, 0.3080, 0.3148

Tritanomaly

82.1323, 0.2910, 0.3144

Monochromacy



Original Color

82.1278, 0.2944, 0.3226

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

81.0705, 0.3062, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.1278, 0.2944, 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(215, 238, 244)` looks like.

```
.text, #text, p{  
    color:rgb(215, 238, 244)  
}
```

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(215, 238, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 238, 244) }
```

Border

The CSS property to change the border of an element to Yxy 82.1278, 0.2944, 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(215, 238, 244) }
```

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

```
.border{ border-color:rgb(215, 238, 244) }
```

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

Here you see how a box with a 4 pixel rgb(215, 238, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 238, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 238, 244);  
box-shadow:4px 4px 4px 4px rgb(215, 238,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 82.1278, 0.2944, 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(215, 238, 244) }
```

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

```
.background{ background-color: rgb(215,  
238, 244) }
```

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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