

Converting Colors

Yxy(82.2163, 0.2932, 0.3219)

Have a look what the booklet for
Yxy(82.2163, 0.2932, 0.3219)
contains.

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Color

Yxy(82.0378, 0.2932, 0.3216)

Conversions

Conversions Part 1

Format	Color
Hex	D6EEF5
RGB	214, 238, 245
RGB Percent	84%, 93%, 96%
CMY	0.1606, 0.0667, 0.0393
CMYK	0.13, 0.03, 0.00, 0.04
HSL	194°, 61%, 90%
HSV	194°, 13%, 96%
XYZ	74.7932, 82.0378, 98.2617
YIQ	231.6220, -16.5510, -2.9110

Conversions

Conversions Part 2

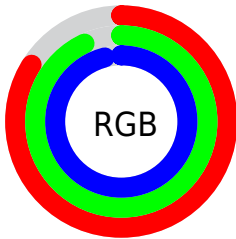
Format	Color
R _Y B	214, 228, 245
Decimal	14085877
CIE Lab	92.59, -6.45, -6.05
CIE LCh	93, 8.844, 223.131
Yxy	82.0378, 0.2932, 0.3216
Android (android.graphics.Color)	4292275957 (0xFFD6EEF5)
YUV	231.6220, 6.5954, -15.4545
Hunter-Lab	90.5747, -11.1072, -0.9196

Details

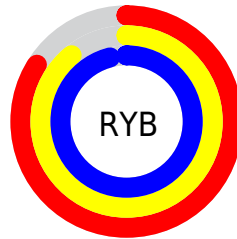
The Yxy color **82.0378, 0.2932, 0.3216** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.9909, 0.3348, 0.3363**, and the grayscale version is **80.3638, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.5009, 0.2886, 0.3194** is the 20% darker color. If you saturate the color by 10%, you get **75.4572, 0.2781, 0.3151**, and if you desaturate by 10%, it is **89.2784, 0.3086, 0.3275**.

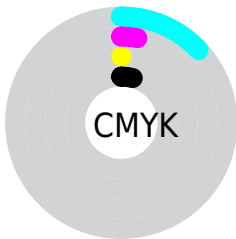
Distribution



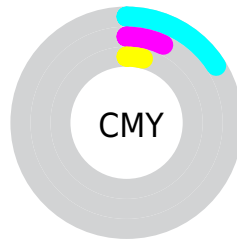
- Red (84%)
- Green (93%)
- Blue (96%)



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



- Cyan (13%)
- Magenta (3%)
- Yellow (0%)
- Black (4%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.0378, 0.2932, 0.3216 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 82.0378, 0.2932, 0.3216 by changing the saturation by 10% instead.

82.0378, 0.2932,
0.3216

82.0378, 0.2932,
0.3216

501.7741, 0.3020,
0.3250

61.3967, 0.2912,
0.3208

136.2270, 0.2962,
0.3228

44.5454, 0.2889,
0.3199

170.5439, 0.2974,
0.3232

31.0995, 0.2859,
0.3186

210.1882, 0.2984,
0.3236

20.6746, 0.2820,
0.3170

255.5442, 0.2993,
0.3240

12.8864, 0.2769,
0.3149

306.9965, 0.3001,
0.3243

7.3503, 0.2698,
0.3118

364.9293, 0.3008,

3.6822, 0.2591,

0.3246

0.3070

429.7270, 0.3014,
0.3248

■ 1.4974, 0.2415,
0.2986

■ 0.2869, 0.1012,
0.2523

■ 82.0378, 0.2932,
0.3216

■ 82.0378, 0.2932,
0.3216

■ 75.4572, 0.2781,
0.3151

■ 89.2784, 0.3086,
0.3275

■ 69.5009, 0.2635,
0.3081

■ 95.6366, 0.3189,
0.3329

■ 64.1449, 0.2500,
0.3005

■ 99.1059, 0.3186,
0.3382

■ 59.3594, 0.2377,
0.2926

■ 99.3713, 0.3185,
0.3386

■ 55.1119, 0.2270,
0.2844

■ 51.3657, 0.2181,
0.2760

■ 48.0790, 0.2112,
0.2676

■ 45.2010, 0.2063,
0.2592

■ 43.2855, 0.2037,
0.2531

Harmonies

Analogous

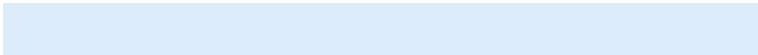
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.0378, 0.2974, 0.3308



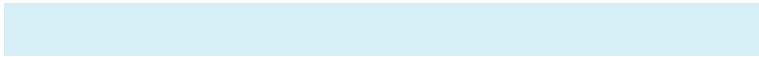
82.0378, 0.2932, 0.3216



82.0378, 0.2942, 0.3146

Triad

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



82.0378, 0.2932, 0.3216



82.0378, 0.3197, 0.3188



82.0378, 0.3254, 0.3468

Complementary

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



82.0378, 0.2932, 0.3216



75.9909, 0.3348, 0.3363

Split Complementary

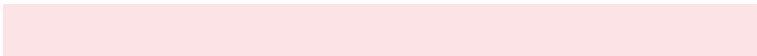
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.0378, 0.3316, 0.3432



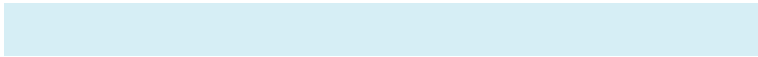
82.0378, 0.2932, 0.3216



82.0378, 0.3283, 0.3270

Square

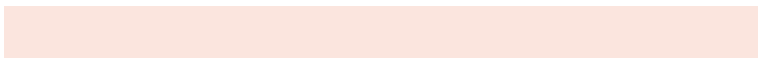
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



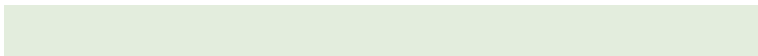
82.0378, 0.2932, 0.3216



82.0378, 0.3093, 0.3132



82.0378, 0.3327, 0.3359



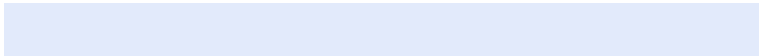
82.0378, 0.3158, 0.3455

Rectangle

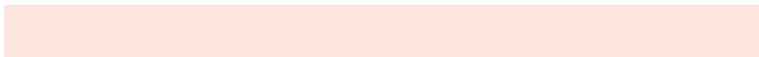
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



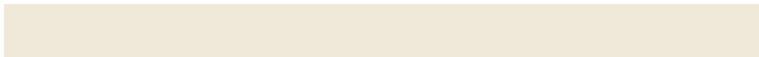
82.0378, 0.2932, 0.3216



82.0378, 0.2976, 0.3121



82.0378, 0.3327, 0.3359



82.0378, 0.3279, 0.3461

Sweetspot

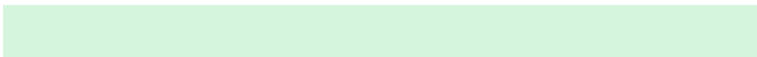
The Sweet Spot groups the original color and five complimentary colors.



82.0412, 0.2932, 0.3216



96.6566, 0.3065, 0.3268



84.8017, 0.3072, 0.3549



20.5568, 0.3053, 0.3263



0.0000, 0.0000, 0.0000



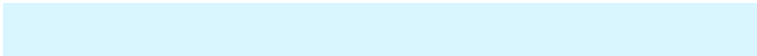
21.4041, 0.3127, 0.3290

Same Dimension

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



82.0412, 0.2932, 0.3216



88.0689, 0.2895, 0.3201



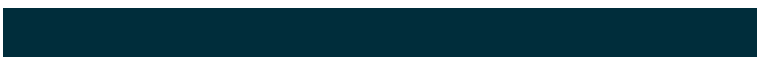
73.5657, 0.2928, 0.3053



18.0863, 0.2980, 0.3235



23.5405, 0.2040, 0.2545



2.2207, 0.2069, 0.2649

Inverse Universe

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



73.6954, 0.3189, 0.3047



77.4334, 0.3202, 0.2999



84.3800, 0.3328, 0.3517



16.7005, 0.3173, 0.3109



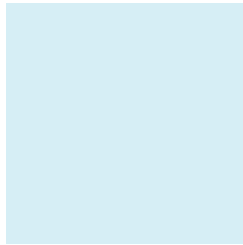
12.4758, 0.3878, 0.1910



1.1118, 0.3777, 0.1854

Previews

White Background



This preview shows how the Yxy color 82.0378, 0.2932, 0.3216 looks on a white background.

Color Contrast Check

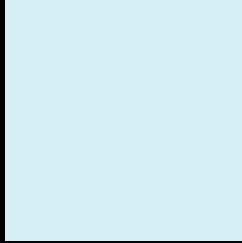
Large Text (above 18pt) WCAG AA × Fail

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 82.0378, 0.2932, 0.3216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

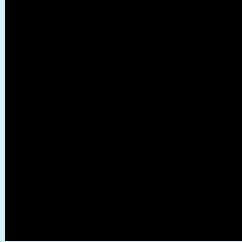
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

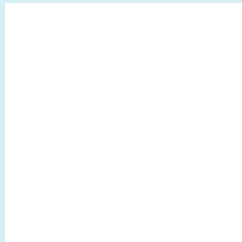
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.0378, 0.2932, 0.3216

Background



This preview shows how black text looks on a background with the Yxy color 82.0378, 0.2932, 0.3216.

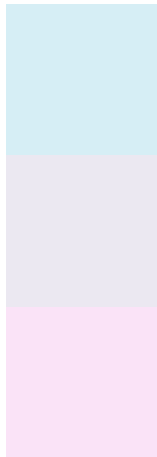


This preview shows how white text looks on a background with the Yxy color 82.0378, 0.2932, 0.3216.

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

82.0378, 0.2932, 0.3216

Protanopia

81.7263, 0.3091, 0.3198

Deuteranopia

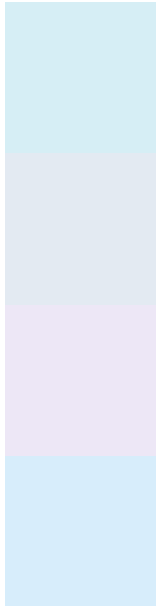
81.9776, 0.3157, 0.3093



Tritanopia

81.8098, 0.2887, 0.3092

Trichromacy



Original Color

82.0378, 0.2932, 0.3216

Protanomaly

81.5873, 0.3032, 0.3207

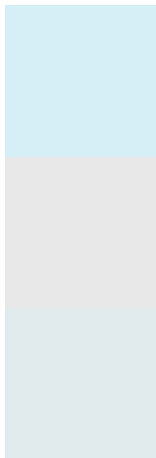
Deuteranomaly

81.8102, 0.3074, 0.3138

Tritanomaly

81.9805, 0.2903, 0.3143

Monochromacy



Original Color

82.0378, 0.2932, 0.3216

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

80.9676, 0.3049, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.0378, 0.2932, 0.3216 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(214, 238, 245)` looks like.

```
.text, #text, p{  
    color:rgb(214, 238, 245)  
}
```

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(214, 238, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 238, 245) }
```

Border

The CSS property to change the border of an element to Yxy 82.0378, 0.2932, 0.3216 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(214, 238, 245) }
```

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

```
.border{ border-color:rgb(214, 238, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 238, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 238, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 238, 245);  
box-shadow:4px 4px 4px 4px rgb(214, 238,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 82.0378, 0.2932, 0.3216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 238, 245) }
```

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

```
.background{ background-color: rgb(214,  
238, 245) }
```

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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