

Converting Colors

$Yxy(82.3117, 0.2960, 0.3214)$

Have a look what the booklet for
Yxy(82.3117, 0.2960, 0.3214)
contains.

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Color

Yxy(82.0664, 0.2956, 0.3206)

Conversions

Conversions Part 1

Format	Color
Hex	DAEDF5
RGB	218, 237, 245
RGB Percent	85%, 93%, 96%
CMY	0.1453, 0.0705, 0.0392
CMYK	0.11, 0.03, 0.00, 0.04
HSL	198°, 58%, 91%
HSV	198°, 11%, 96%
XYZ	75.6670, 82.0664, 98.2442
YIQ	232.2310, -13.8920, -1.5400

Conversions

Conversions Part 2

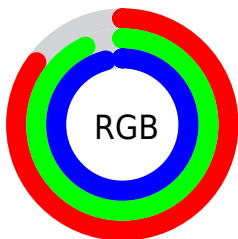
Format	Color
R _Y B	218, 229, 245
Decimal	14347765
CIE Lab	92.60, -4.72, -6.01
CIE LCh	93, 7.643, 231.882
Yxy	82.0664, 0.2956, 0.3206
Android (android.graphics.Color)	4292537845 (0xFFDAEDF5)
YUV	232.2310, 6.2951, -12.4806
Hunter-Lab	90.5905, -9.4388, -0.8858

Details

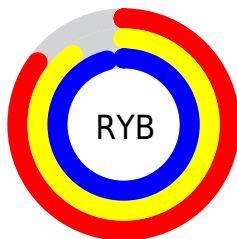
The Yxy color **82.0664, 0.2956, 0.3206** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.8289, 0.3315, 0.3373**, and the grayscale version is **80.8338, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.5084, 0.2917, 0.3181** is the 20% darker color. If you saturate the color by 10%, you get **74.4647, 0.2802, 0.3122**, and if you desaturate by 10%, it is **90.4021, 0.3111, 0.3282**.

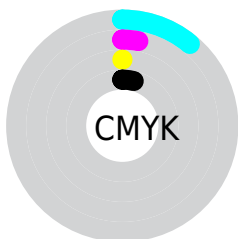
Distribution



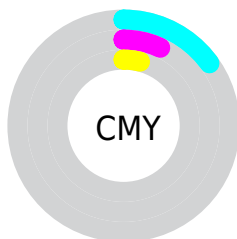
- Red (85%)
- Green (93%)
- Blue (96%)



- Red (85%)
- Yellow (90%)
- Blue (96%)



- Cyan (11%)
- Magenta (3%)
- Yellow (0%)
- Black (4%)



- Cyan (15%)
- Magenta (7%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.0664, 0.2956, 0.3206 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 82.0664, 0.2956, 0.3206 by changing the saturation by 10% instead.

82.0664, 0.2956,
0.3206

82.0664, 0.2956,
0.3206

501.8698, 0.3033,
0.3245

61.4203, 0.2939,
0.3197

136.2671, 0.2982,
0.3219

44.5644, 0.2918,
0.3187

170.5905, 0.2993,
0.3225

31.1145, 0.2892,
0.3173

210.2417, 0.3002,
0.3229

20.6860, 0.2858,
0.3155

255.6052, 0.3010,
0.3233

12.8947, 0.2813,
0.3132

307.0654, 0.3017,
0.3236

7.3561, 0.2750,
0.3098

365.0066, 0.3023,

3.6858, 0.2656,

0.3239

0.3046

429.8133, 0.3028,
0.3242

■ 1.4994, 0.2499,
0.2956

■ 0.2883, 0.1345,
0.2440

■ 82.0664, 0.2956,
0.3206

■ 82.0664, 0.2956,
0.3206

■ 74.4647, 0.2802,
0.3122

■ 90.4021, 0.3111,
0.3282

■ 67.5604, 0.2651,
0.3030

■ 97.1500, 0.3187,
0.3352

■ 61.3286, 0.2506,
0.2931

■ 99.3731, 0.3185,
0.3386

■ 55.7390, 0.2373,
0.2826

■ 50.7582, 0.2253,
0.2717

■ 46.3492, 0.2151,
0.2605

■ 42.4698, 0.2069,
0.2491

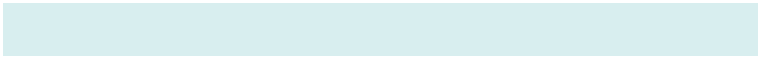
■ 39.0697, 0.2007,
0.2379

■ 36.3619, 0.1967,
0.2280

Harmonies

Analogous

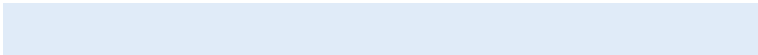
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.0664, 0.2980, 0.3282



82.0664, 0.2956, 0.3206



82.0664, 0.2978, 0.3154

Triad

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



82.0664, 0.2956, 0.3206



82.0664, 0.3212, 0.3221



82.0664, 0.3215, 0.3445

Complementary

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



82.0664, 0.2956, 0.3206



78.8289, 0.3315, 0.3373

Split Complementary

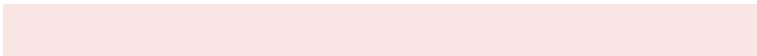
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.0664, 0.3279, 0.3426



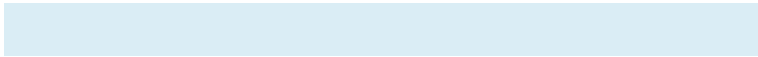
82.0664, 0.2956, 0.3206



82.0664, 0.3277, 0.3296

Square

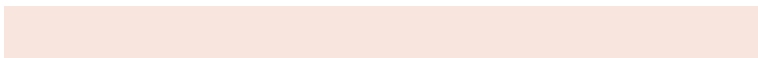
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



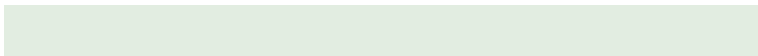
82.0664, 0.2956, 0.3206



82.0664, 0.3124, 0.3164



82.0664, 0.3302, 0.3371



82.0664, 0.3128, 0.3421

Rectangle

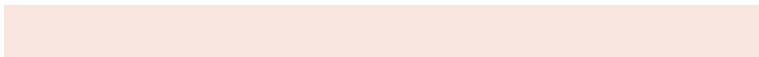
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.0664, 0.2956, 0.3206



82.0664, 0.3015, 0.3140



82.0664, 0.3302, 0.3371



82.0664, 0.3240, 0.3443

Sweetspot

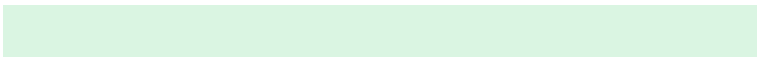
The Sweet Spot groups the original color and five complimentary colors.



82.0698, 0.2956, 0.3206



97.1456, 0.3081, 0.3268



85.6765, 0.3069, 0.3495



20.6326, 0.3068, 0.3262



0.0000, 0.0000, 0.0000



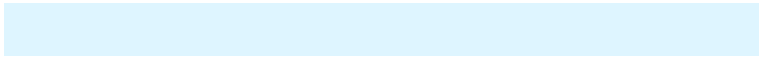
21.4041, 0.3127, 0.3290

Same Dimension

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



82.0698, 0.2956, 0.3206



88.1611, 0.2925, 0.3190



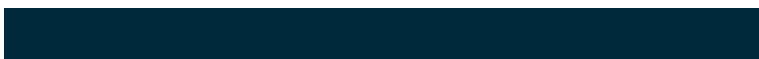
74.6979, 0.2954, 0.3065



17.8834, 0.2980, 0.3218



19.8393, 0.1972, 0.2298



1.9215, 0.2010, 0.2437

Inverse Universe

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



75.6432, 0.3193, 0.3097



80.0286, 0.3207, 0.3061



86.2907, 0.3299, 0.3505



16.6801, 0.3183, 0.3125



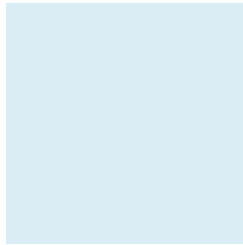
12.1022, 0.4128, 0.2048



1.0816, 0.3985, 0.1969

Previews

White Background



This preview shows how the Yxy color 82.0664, 0.2956, 0.3206 looks on a white background.

Color Contrast Check

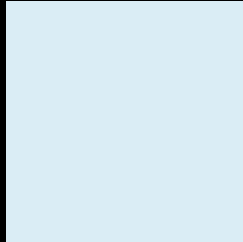
Large Text (above 18pt) WCAG AA × Fail

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 82.0664, 0.2956, 0.3206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

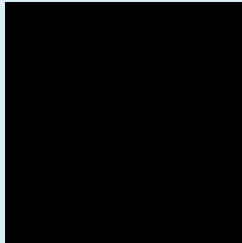
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

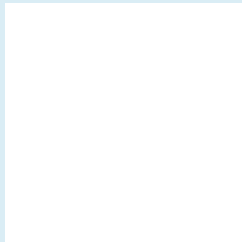
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.0664, 0.2956, 0.3206

Background



This preview shows how black text looks on a background with the Yxy color 82.0664, 0.2956, 0.3206.

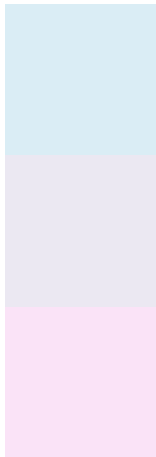


This preview shows how white text looks on a background with the Yxy color 82.0664, 0.2956, 0.3206.

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

82.0664, 0.2956, 0.3206

Protanopia

81.7862, 0.3085, 0.3188

Deuteranopia

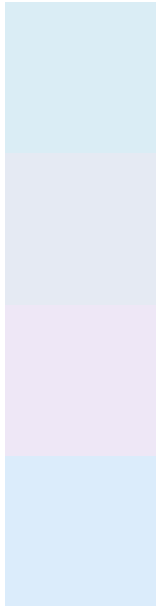
81.9776, 0.3157, 0.3093



Tritanopia

82.3623, 0.2917, 0.3104

Trichromacy



Original Color

82.0664, 0.2956, 0.3206

Protanomaly

81.9747, 0.3039, 0.3197

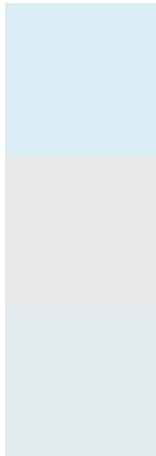
Deuteranomaly

81.9828, 0.3081, 0.3138

Tritanomaly

82.0160, 0.2928, 0.3134

Monochromacy



Original Color

82.0664, 0.2956, 0.3206

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

81.2910, 0.3062, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.0664, 0.2956, 0.3206 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(218, 237, 245)` looks like.

```
.text, #text, p{  
    color:rgb(218, 237, 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(218, 237, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 237, 245) }
```

Border

The CSS property to change the border of an element to Yxy 82.0664, 0.2956, 0.3206 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(218, 237, 245) }
```

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

```
.border{ border-color:rgb(218, 237, 245) }
```

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

Here you see how a box with a 4 pixel rgb(218, 237, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 237, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 237, 245);  
box-shadow:4px 4px 4px 4px rgb(218, 237,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 82.0664, 0.2956, 0.3206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 237, 245) }
```

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

```
.background{ background-color: rgb(218,  
237, 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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