

Converting Colors

$Yxy(82.0276, 0.2974, 0.3396)$

Have a look what the booklet for
Yxy(82.0276, 0.2974, 0.3396)
contains.

Yxy(82.0900, 0.2975, 0.3397)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(82.0900, 0.2975, 0.3397)

Conversions

Conversions Part 1

Format	Color
Hex	D0F1E7
RGB	208, 241, 231
RGB Percent	82%, 95%, 91%
CMY	0.1843, 0.0549, 0.0940
CMYK	0.14, 0.00, 0.04, 0.05
HSL	162°, 54%, 88%
HSV	162°, 14%, 95%
XYZ	71.8922, 82.0900, 87.6722
YIQ	229.9930, -16.4580, -10.1060

Conversions

Conversions Part 2

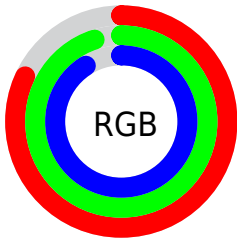
Format	Color
R _Y B	208, 227, 241
Decimal	13693415
CIE Lab	92.61, -12.60, 1.20
CIE LCh	93, 12.658, 174.552
Yxy	82.0900, 0.2975, 0.3397
Android (android.graphics.Color)	4291883495 (0xFFD0F1E7)
YUV	229.9930, 0.4965, -19.2879
Hunter-Lab	90.6035, -16.9198, 6.0507

Details

The Yxy color **82.0900, 0.2975, 0.3397** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.8713, 0.3306, 0.3186**, and the grayscale version is **79.1327, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.5654, 0.2942, 0.3430** is the 20% darker color. If you saturate the color by 10%, you get **78.4582, 0.2870, 0.3485**, and if you desaturate by 10%, it is **86.2766, 0.3085, 0.3317**.

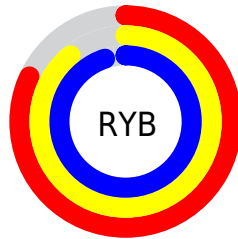
Distribution



Red (82%)

Green (95%)

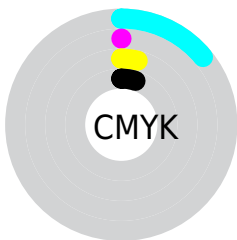
Blue (91%)



Red (82%)

Yellow (89%)

Blue (95%)

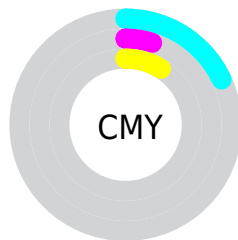


Cyan (14%)

Magenta (0%)

Yellow (4%)

Black (5%)



Cyan (18%)

Magenta (5%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.0900, 0.2975, 0.3397 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 82.0900, 0.2975, 0.3397 by changing the saturation by 10% instead.

82.0900, 0.2975,
0.3397

82.0900, 0.2975,
0.3397

501.9487, 0.3044,
0.3348

61.4397, 0.2960,
0.3408

136.3002, 0.2999,
0.3380

44.5801, 0.2941,
0.3421

170.6289, 0.3008,
0.3374

31.1268, 0.2917,
0.3438

210.2859, 0.3016,
0.3368

20.6955, 0.2886,
0.3460

255.6556, 0.3023,
0.3363

12.9016, 0.2845,
0.3490

307.1223, 0.3029,
0.3359

7.3608, 0.2787,
0.3531

365.0704, 0.3035,

3.6888, 0.2698,

0.3355

429.8844, 0.3040,
0.3351

0.3595

1.5010, 0.2549,
0.3705

0.2894, 0.0000,
0.5560

82.0900, 0.2975,
0.3397

82.0900, 0.2975,
0.3397

78.4582, 0.2870,
0.3485

86.2766, 0.3085,
0.3317

75.3468, 0.2773,
0.3580

90.8028, 0.3191,
0.3246

72.7334, 0.2688,
0.3683

91.2583, 0.3146,
0.3176

70.5897, 0.2618,
0.3792

91.3936, 0.3133,
0.3156

■ 68.8848, 0.2564,
0.3905

■ 67.5837, 0.2530,
0.4021

■ 66.6461, 0.2517,
0.4137

■ 66.0229, 0.2523,
0.4252

■ 65.7453, 0.2535,
0.4324

Harmonies

Analogous

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



82.0900, 0.3114, 0.3503



82.0900, 0.2975, 0.3397



82.0900, 0.2878, 0.3262

Triad

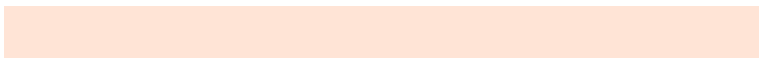
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.0900, 0.2975, 0.3397



82.0900, 0.2992, 0.3044



82.0900, 0.3417, 0.3431

Complementary

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



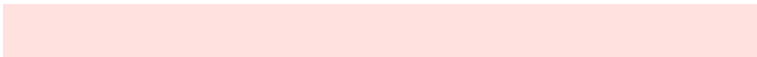
82.0900, 0.2975, 0.3397



68.8713, 0.3306, 0.3186

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.



82.0900, 0.3383, 0.3309



82.0900, 0.2975, 0.3397



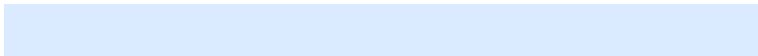
82.0900, 0.3135, 0.3090

Square

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



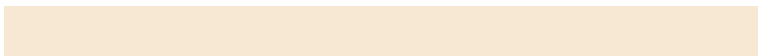
82.0900, 0.2975, 0.3397



82.0900, 0.2887, 0.3061



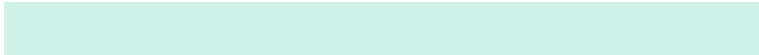
82.0900, 0.3279, 0.3185



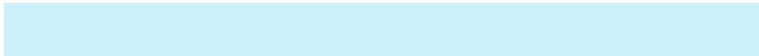
82.0900, 0.3371, 0.3520

Rectangle

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



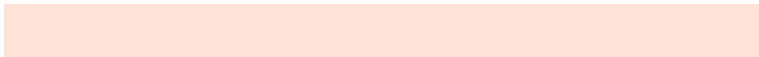
82.0900, 0.2975, 0.3397



82.0900, 0.2848, 0.3177



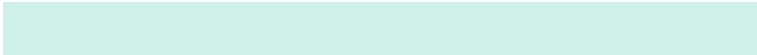
82.0900, 0.3279, 0.3185



82.0900, 0.3415, 0.3393

Sweetspot

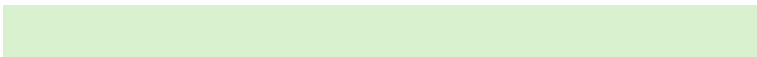
The Sweet Spot groups the original color and five complimentary colors.



82.0934, 0.2975, 0.3397



97.9194, 0.3082, 0.3320



82.4419, 0.3179, 0.3646



20.8775, 0.3073, 0.3326



0.0000, 0.0000, 0.0000



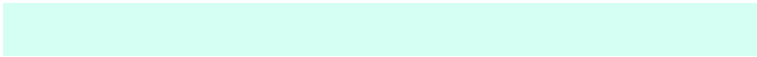
21.4041, 0.3127, 0.3290

Same Dimension

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



82.0934, 0.2975, 0.3397



92.2969, 0.2950, 0.3417



79.1500, 0.2916, 0.3225



17.8428, 0.3021, 0.3362



35.6756, 0.2529, 0.4305



2.9854, 0.2487, 0.4154

Inverse Universe

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



68.8713, 0.3306, 0.3186



74.9750, 0.3343, 0.3167



71.3719, 0.3371, 0.3355



15.8375, 0.3246, 0.3219



10.4219, 0.5753, 0.2943



0.8840, 0.5380, 0.2737

Previews

White Background



This preview shows how the Yxy color 82.0900, 0.2975, 0.3397 looks on a white background.

Color Contrast Check

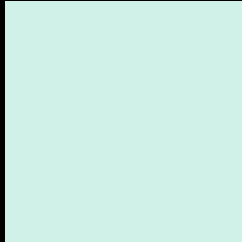
Large Text (above 18pt) WCAG AA × Fail

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 82.0900, 0.2975, 0.3397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

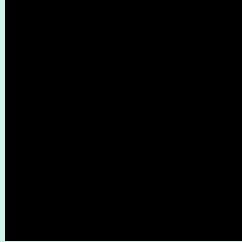
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

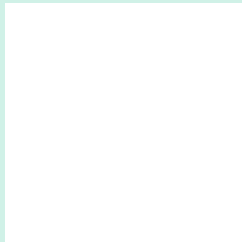
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.0900, 0.2975, 0.3397

Background



This preview shows how black text looks on a background with the Yxy color 82.0900, 0.2975, 0.3397.

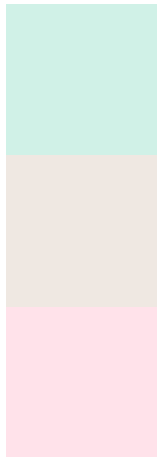


This preview shows how white text looks on a background with the Yxy color 82.0900, 0.2975, 0.3397.

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

82.0900, 0.2975, 0.3397

Protanopia

81.5549, 0.3213, 0.3352

Deuteranopia

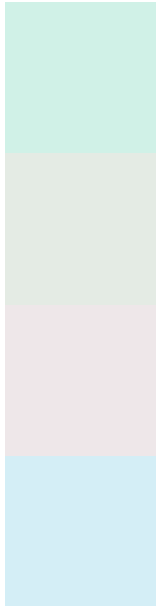
81.5932, 0.3278, 0.3211



Tritanopia

82.0845, 0.2875, 0.3102

Trichromacy



Original Color

82.0900, 0.2975, 0.3397

Protanomaly

81.5121, 0.3124, 0.3363

Deuteranomaly

81.2122, 0.3162, 0.3270

Tritanomaly

81.7999, 0.2914, 0.3205

Monochromacy



Original Color

82.0900, 0.2975, 0.3397

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

80.0884, 0.3072, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.0900, 0.2975, 0.3397 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(208, 241, 231)` looks like.

```
.text, #text, p{  
    color:rgb(208, 241, 231)  
}
```

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(208, 241, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 241, 231) }
```

Border

The CSS property to change the border of an element to Yxy 82.0900, 0.2975, 0.3397 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(208, 241, 231) }
```

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

```
.border{ border-color:rgb(208, 241, 231) }
```

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

Here you see how a box with a 4 pixel rgb(208, 241, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 241, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 241, 231);  
box-shadow:4px 4px 4px 4px rgb(208, 241,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 82.0900, 0.2975, 0.3397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 241, 231) }
```

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

```
.background{ background-color: rgb(208,  
241, 231) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor