

Converting Colors

$Yxy(82.2378, 0.2924, 0.3124)$

Have a look what the booklet for
Yxy(82.2378, 0.2924, 0.3124)
contains.

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Color

Yxy(82.0792, 0.2922, 0.3124)

Conversions

Conversions Part 1

Format	Color
Hex	DBECFC
RGB	219, 236, 252
RGB Percent	86%, 93%, 99%
CMY	0.1413, 0.0745, 0.0118
CMYK	0.13, 0.06, 0.00, 0.01
HSL	209°, 85%, 92%
HSV	209°, 13%, 99%
XYZ	76.7719, 82.0792, 103.8864
YIQ	232.7410, -15.2680, 1.3720

Conversions

Conversions Part 2

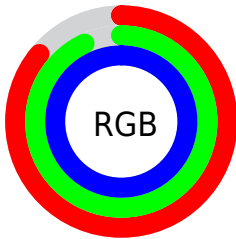
Format	Color
R _Y B	219, 230, 252
Decimal	14413052
CIE _{Lab}	92.61, -2.50, -9.63
CIE _{LCh}	93, 9.953, 255.467
Y _{xy}	82.0792, 0.2922, 0.3124
Android (android.graphics.Color)	4292603132 (0xFFDBECFC)
Y _{UV}	232.7410, 9.4947, -12.0509
Hunter-Lab	90.5976, -7.2858, -4.5684

Details

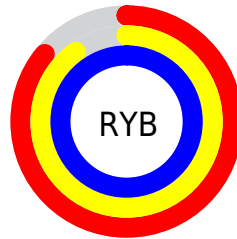
The Yxy color **82.0792, 0.2922, 0.3124** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **85.1971, 0.3346, 0.3451**, and the grayscale version is **81.2152, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.4752, 0.2881, 0.3089** is the 20% darker color. If you saturate the color by 10%, you get **71.6813, 0.2760, 0.2981**, and if you desaturate by 10%, it is **93.5550, 0.3080, 0.3253**.

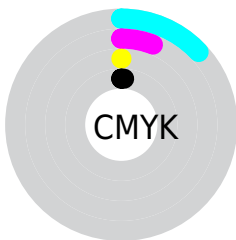
Distribution



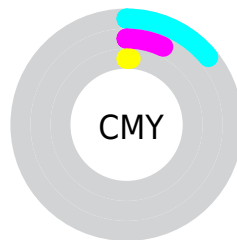
- Red (86%)
- Green (93%)
- Blue (99%)



- Red (86%)
- Yellow (90%)
- Blue (99%)



- Cyan (13%)
- Magenta (6%)
- Yellow (0%)
- Black (1%)



- Cyan (14%)
- Magenta (7%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.0792, 0.2922, 0.3124 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 82.0792, 0.2922, 0.3124 by changing the saturation by 10% instead.

82.0792, 0.2922,
0.3124

82.0792, 0.2922,
0.3124

501.9126, 0.3014,
0.3199

61.4308, 0.2901,
0.3107

136.2851, 0.2954,
0.3150

44.5729, 0.2876,
0.3086

170.6113, 0.2966,
0.3160

31.1212, 0.2845,
0.3060

210.2657, 0.2977,
0.3169

20.6911, 0.2805,
0.3027

255.6325, 0.2986,
0.3177

12.8984, 0.2751,
0.2982

307.0962, 0.2995,
0.3183

7.3586, 0.2676,
0.2919

365.0412, 0.3002,

3.6874, 0.2565,

0.3189

0.2824

429.8519, 0.3009,
0.3195

■ 1.5003, 0.2382,
0.2664

■ 0.2889, 0.1433,
0.1938

■ 82.0792, 0.2922,
0.3124

■ 82.0792, 0.2922,
0.3124

■ 71.6813, 0.2760,
0.2981

■ 93.5550, 0.3080,
0.3253

■ 62.3151, 0.2596,
0.2823

99.8079, 0.3144,
0.3319

■ 53.9457, 0.2434,
0.2653

■ 46.5320, 0.2278,
0.2472

■ 40.0292, 0.2135,
0.2284

■ 34.3881, 0.2008,
0.2092

■ 29.5531, 0.1903,
0.1902

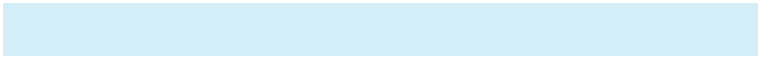
■ 25.4585, 0.1822,
0.1720

■ 23.0055, 0.1778,
0.1600

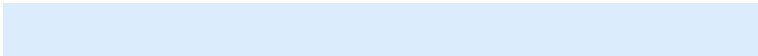
Harmonies

Analogous

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



82.0792, 0.2907, 0.3199



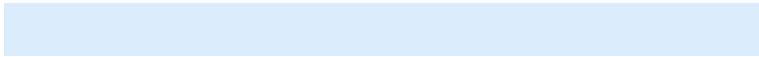
82.0792, 0.2922, 0.3124



82.0792, 0.2991, 0.3094

Triad

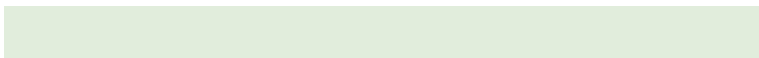
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.0792, 0.2922, 0.3124



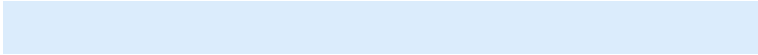
82.0792, 0.3308, 0.3275



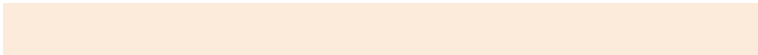
82.0792, 0.3153, 0.3473

Complementary

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



82.0792, 0.2922, 0.3124



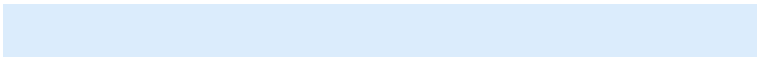
85.1971, 0.3346, 0.3451

Split Complementary

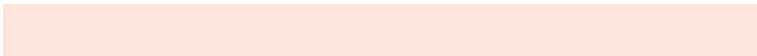
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.0792, 0.3262, 0.3491



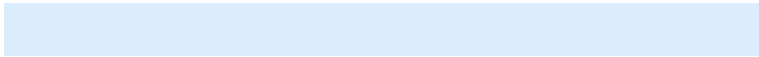
82.0792, 0.2922, 0.3124



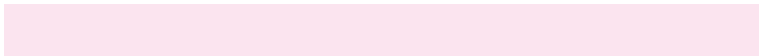
82.0792, 0.3353, 0.3375

Square

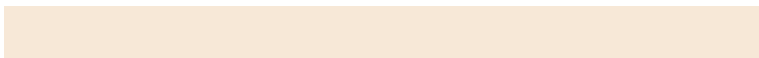
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.0792, 0.2922, 0.3124



82.0792, 0.3214, 0.3181



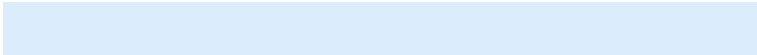
82.0792, 0.3336, 0.3454



82.0792, 0.3039, 0.3403

Rectangle

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



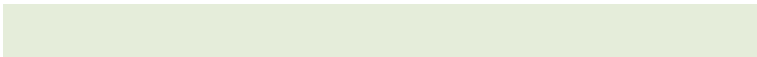
82.0792, 0.2922, 0.3124



82.0792, 0.3060, 0.3103



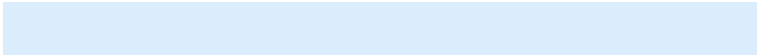
82.0792, 0.3336, 0.3454



82.0792, 0.3192, 0.3485

Sweetspot

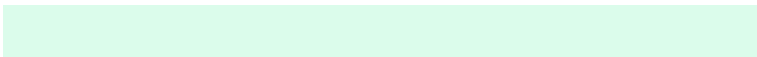
The Sweet Spot groups the original color and five complimentary colors.



82.0826, 0.2922, 0.3124



95.0075, 0.3066, 0.3242



90.6676, 0.3020, 0.3467



20.1389, 0.3054, 0.3233



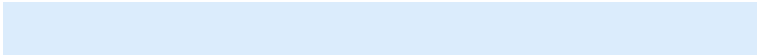
0.0000, 0.0000, 0.0000



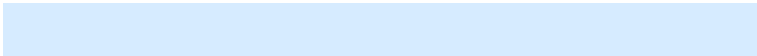
21.4041, 0.3127, 0.3290

Same Dimension

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



82.0826, 0.2922, 0.3124



81.1094, 0.2875, 0.3084



73.0197, 0.2917, 0.2949



18.1247, 0.2980, 0.3172



12.2812, 0.1786, 0.1629



1.3498, 0.1845, 0.1840

Inverse Universe

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



77.3998, 0.3249, 0.3120



75.4674, 0.3281, 0.3081



95.0798, 0.3325, 0.3610



17.3748, 0.3213, 0.3168



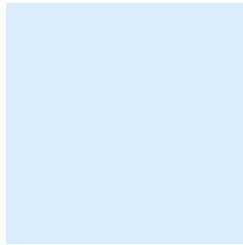
11.6507, 0.4894, 0.2470



1.1005, 0.4638, 0.2328

Previews

White Background



This preview shows how the Yxy color 82.0792, 0.2922, 0.3124 looks on a white background.

Color Contrast Check

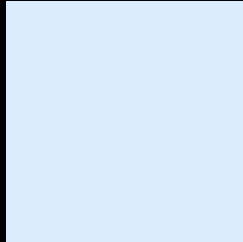
Large Text (above 18pt) WCAG AA × Fail

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 82.0792, 0.2922, 0.3124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

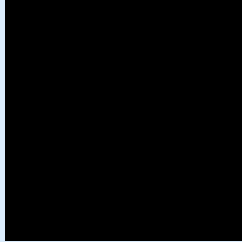
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

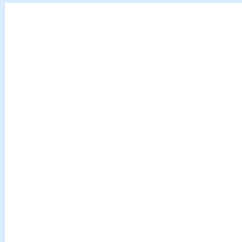
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.0792, 0.2922, 0.3124

Background



This preview shows how black text looks on a background with the Yxy color 82.0792, 0.2922, 0.3124.



This preview shows how white text looks on a background with the Yxy color 82.0792, 0.2922, 0.3124.

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

82.0792, 0.2922, 0.3124

Protanopia

81.9390, 0.3023, 0.3107

Deuteranopia

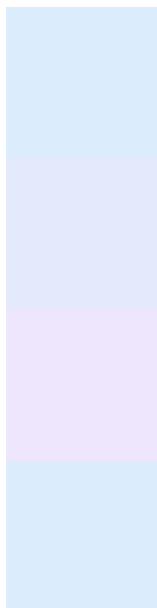
81.8681, 0.3092, 0.3024



Tritanopia

82.2067, 0.2911, 0.3104

Trichromacy



Original Color

82.0792, 0.2922, 0.3124

Protanomaly

81.7368, 0.2984, 0.3106

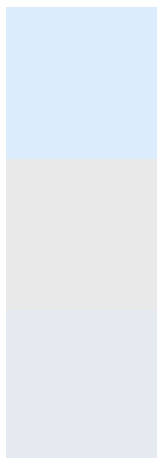
Deuteranomaly

81.6900, 0.3031, 0.3059

Tritanomaly

82.1428, 0.2916, 0.3114

Monochromacy



Original Color

82.0792, 0.2922, 0.3124

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

81.6309, 0.3050, 0.3228

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.0792, 0.2922, 0.3124 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(219, 236, 252)` looks like.

```
.text, #text, p{  
    color:rgb(219, 236, 252)  
}
```

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(219, 236, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 236, 252) }
```

Border

The CSS property to change the border of an element to Yxy 82.0792, 0.2922, 0.3124 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(219, 236, 252) }
```

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

```
.border{ border-color:rgb(219, 236, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 236, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 236, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 236, 252);  
box-shadow:4px 4px 4px 4px rgb(219, 236,  
252) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 82.0792, 0.2922, 0.3124$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 236, 252) }
```

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

```
.background{ background-color: rgb(219,  
236, 252) }
```

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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