

Converting Colors

$Yxy(78.9376, 0.2919, 0.3121)$

Have a look what the booklet for
Yxy(78.9376, 0.2919, 0.3121)
contains.

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Color

Yxy(78.9376, 0.2919, 0.3121)

Conversions

Conversions Part 1

Format	Color
Hex	D7E8F8
RGB	215, 232, 248
RGB Percent	84%, 91%, 97%
CMY	0.1568, 0.0902, 0.0274
CMYK	0.13, 0.06, 0.00, 0.03
HSL	209°, 70%, 91%
HSV	209°, 13%, 97%
XYZ	73.8285, 78.9376, 100.1579
YIQ	228.7410, -15.2680, 1.3720

Conversions

Conversions Part 2

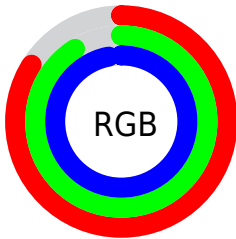
Format	Color
R _Y B	215, 226, 248
Decimal	14149880
CIE Lab	91.21, -2.48, -9.67
CIE LCh	91, 9.982, 255.642
Yxy	78.9376, 0.2919, 0.3121
Android (android.graphics.Color)	4292339960 (0xFFD7E8F8)
YUV	228.7410, 9.4947, -12.0509
Hunter-Lab	88.8468, -7.1549, -4.6454

Details

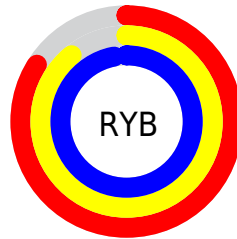
The Yxy color **78.9376, 0.2919, 0.3121** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.0320, 0.3350, 0.3453**, and the grayscale version is **78.0959, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.3300, 0.2869, 0.3071** is the 20% darker color. If you saturate the color by 10%, you get **68.9213, 0.2757, 0.2977**, and if you desaturate by 10%, it is **89.9936, 0.3077, 0.3250**.

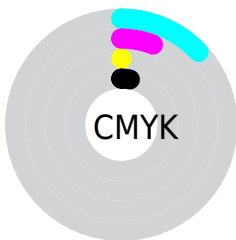
Distribution



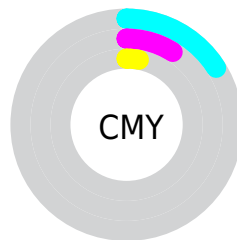
- Red (84%)
- Green (91%)
- Blue (97%)



- Red (84%)
- Yellow (89%)
- Blue (97%)



- Cyan (13%)
- Magenta (6%)
- Yellow (0%)
- Black (3%)



- Cyan (16%)
- Magenta (9%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.9376, 0.2919, 0.3121 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 78.9376, 0.2919, 0.3121 by changing the saturation by 10% instead.

■ 78.9376, 0.2919,
0.3121

■ 78.9376, 0.2919,
0.3121

491.3452, 0.3013,
0.3198

■ 58.8445, 0.2898,
0.3104

131.8710, 0.2951,
0.3148

■ 42.4880, 0.2872,
0.3082

165.4801, 0.2964,
0.3158

■ 29.4836, 0.2839,
0.3055

204.3633, 0.2975,
0.3167

■ 19.4469, 0.2798,
0.3020

248.9051, 0.2985,
0.3175

■ 11.9937, 0.2741,
0.2973

299.4898, 0.2993,
0.3182

■ 6.7394, 0.2663,
0.2906

356.5018, 0.3001,

■ 3.2996, 0.2544,

0.3188

0.2804

420.3254, 0.3007,
0.3193

■ 1.2901, 0.2345,
0.2630

■ 0.1335, 0.0651,
0.1307

■ 78.9376, 0.2919,
0.3121

■ 78.9376, 0.2919,
0.3121

■ 68.9213, 0.2757,
0.2977

■ 89.9936, 0.3077,
0.3250

■ 59.9000, 0.2593,
0.2819

■ 99.5578, 0.3168,
0.3357

■ 51.8400, 0.2431,
0.2649

■ 44.7018, 0.2276,
0.2467

■ 38.4420, 0.2132,
0.2278

■ 33.0133, 0.2006,
0.2086

■ 28.3618, 0.1901,
0.1896

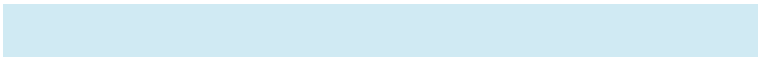
■ 24.4240, 0.1820,
0.1714

■ 22.1284, 0.1777,
0.1597

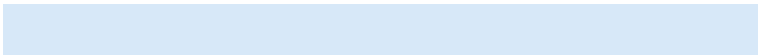
Harmonies

Analogous

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



78.9376, 0.2903, 0.3197



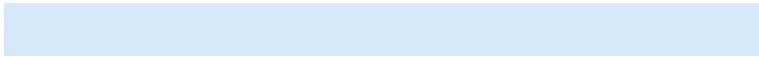
78.9376, 0.2919, 0.3121



78.9376, 0.2990, 0.3091

Triad

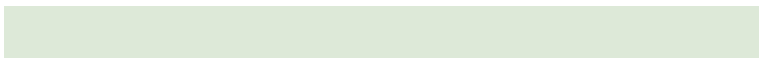
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.9376, 0.2919, 0.3121



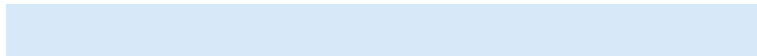
78.9376, 0.3312, 0.3275



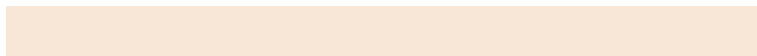
78.9376, 0.3153, 0.3476

Complementary

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



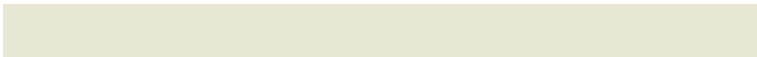
78.9376, 0.2919, 0.3121



82.0320, 0.3350, 0.3453

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.



78.9376, 0.3264, 0.3495



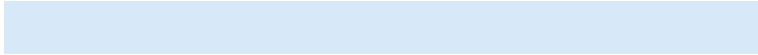
78.9376, 0.2919, 0.3121



78.9376, 0.3357, 0.3376

Square

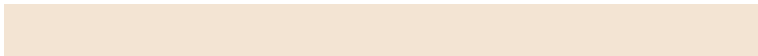
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.9376, 0.2919, 0.3121



78.9376, 0.3216, 0.3180



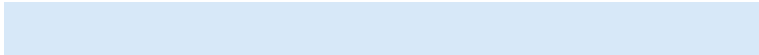
78.9376, 0.3339, 0.3457



78.9376, 0.3037, 0.3404

Rectangle

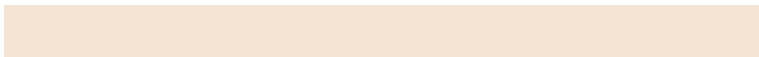
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



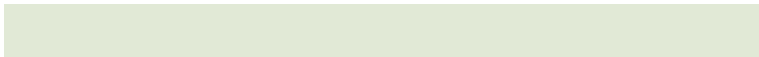
78.9376, 0.2919, 0.3121



78.9376, 0.3060, 0.3100



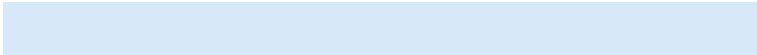
78.9376, 0.3339, 0.3457



78.9376, 0.3192, 0.3488

Sweetspot

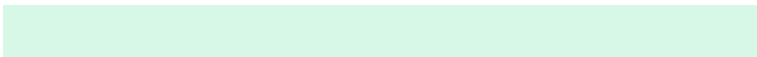
The Sweet Spot groups the original color and five complimentary colors.



78.9409, 0.2919, 0.3121



94.9991, 0.3066, 0.3242



87.3573, 0.3019, 0.3469



20.1368, 0.3054, 0.3232



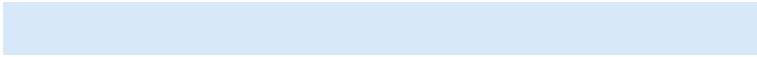
0.0000, 0.0000, 0.0000



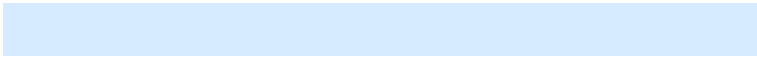
21.4041, 0.3127, 0.3290

Same Dimension

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



78.9409, 0.2919, 0.3121



81.0786, 0.2875, 0.3083



70.1183, 0.2914, 0.2943



18.1208, 0.2980, 0.3172



12.2353, 0.1785, 0.1625



1.3455, 0.1843, 0.1836

Inverse Universe

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



74.3943, 0.3252, 0.3118



75.4643, 0.3281, 0.3081



91.6677, 0.3327, 0.3615



17.3744, 0.3213, 0.3169



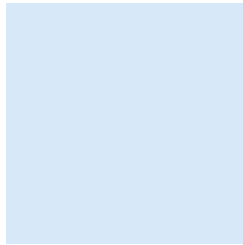
11.6461, 0.4900, 0.2473



1.1001, 0.4642, 0.2331

Previews

White Background



This preview shows how the Yxy color 78.9376, 0.2919, 0.3121 looks on a white background.

Color Contrast Check

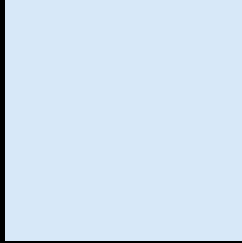
Large Text (above 18pt) WCAG AA × Fail

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 78.9376, 0.2919, 0.3121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

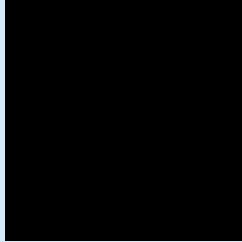
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

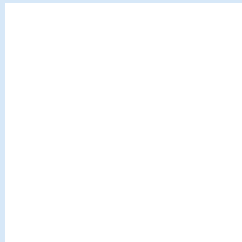
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.9376, 0.2919, 0.3121

Background



This preview shows how black text looks on a background with the Yxy color 78.9376, 0.2919, 0.3121.

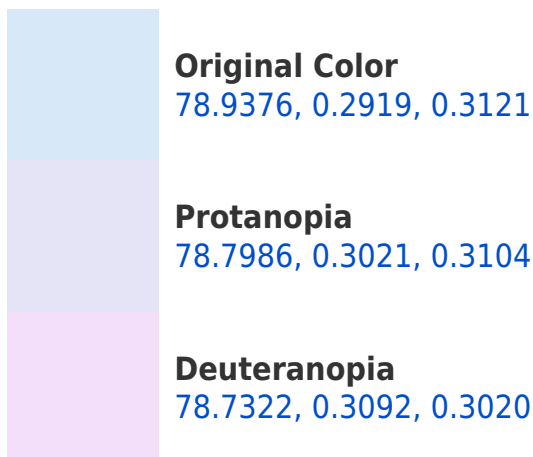


This preview shows how white text looks on a background with the Yxy color 78.9376, 0.2919, 0.3121.

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

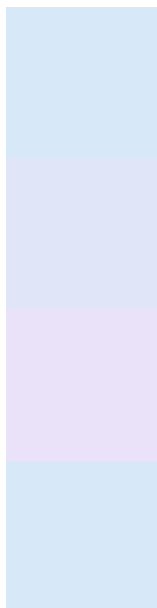




Tritanopia

79.0624, 0.2907, 0.3101

Trichromacy



Original Color

78.9376, 0.2919, 0.3121

Protanomaly

78.6013, 0.2982, 0.3103

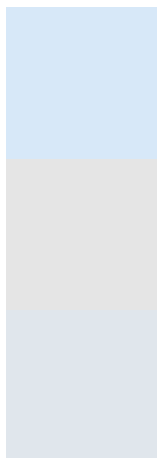
Deuteranomaly

78.5559, 0.3030, 0.3055

Tritanomaly

78.9999, 0.2913, 0.3111

Monochromacy



Original Color

78.9376, 0.2919, 0.3121

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

78.4971, 0.3049, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.9376, 0.2919, 0.3121 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, 232, 248)` looks like.

```
.text, #text, p{  
    color:rgb(215, 232, 248)  
}
```

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, 232, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 232, 248) }
```

Border

The CSS property to change the border of an element to Yxy 78.9376, 0.2919, 0.3121 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, 232, 248) }
```

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

```
.border{ border-color:rgb(215, 232, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 232, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 232, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 232, 248);  
box-shadow:4px 4px 4px 4px rgb(215, 232,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 78.9376, 0.2919, 0.3121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 232, 248) }
```

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

```
.background{ background-color: rgb(215,  
232, 248) }
```

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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