

Converting Colors

$Yxy(77.9458, 0.2903, 0.3098)$

Have a look what the booklet for
Yxy(77.9458, 0.2903, 0.3098)
contains.

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Color

Yxy(78.1375, 0.2900, 0.3099)

Conversions

Conversions Part 1

Format	Color
Hex	D5E7F9
RGB	213, 231, 249
RGB Percent	84%, 91%, 98%
CMY	0.1647, 0.0941, 0.0234
CMYK	0.14, 0.07, 0.00, 0.02
HSL	210°, 75%, 91%
HSV	210°, 14%, 98%
XYZ	73.1200, 78.1375, 100.8803
YIQ	227.6700, -16.5060, 1.7820

Conversions

Conversions Part 2

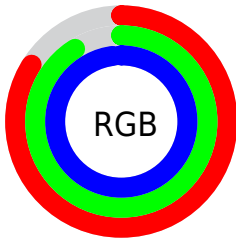
Format	Color
R _{YB}	213, 225, 249
Decimal	14018553
CIE Lab	90.84, -2.38, -10.76
CIE LCh	91, 11.024, 257.511
Yxy	78.1375, 0.2900, 0.3099
Android (android.graphics.Color)	4292208633 (0xFFD5E7F9)
YUV	227.6700, 10.5157, -12.8656
Hunter-Lab	88.3954, -7.0383, -5.7873

Details

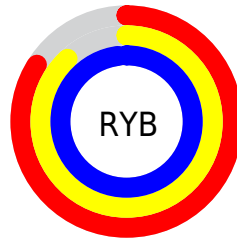
The Yxy color **78.1375, 0.2900, 0.3099** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82.1249, 0.3370, 0.3474**, and the grayscale version is **77.2637, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.7793, 0.2845, 0.3043** is the 20% darker color. If you saturate the color by 10%, you get **67.9669, 0.2737, 0.2949**, and if you desaturate by 10%, it is **89.3834, 0.3058, 0.3234**.

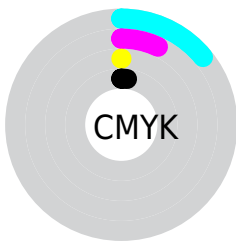
Distribution



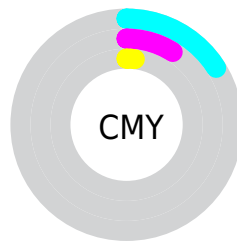
- Red (84%)
- Green (91%)
- Blue (98%)



- Red (84%)
- Yellow (88%)
- Blue (98%)



- Cyan (14%)
- Magenta (7%)
- Yellow (0%)
- Black (2%)



- Cyan (16%)
- Magenta (9%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.1375, 0.2900, 0.3099 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 78.1375, 0.2900, 0.3099 by changing the saturation by 10% instead.

■ 78.1375, 0.2900,
0.3099

■ 78.1375, 0.2900,
0.3099

488.6337, 0.3003,
0.3187

■ 58.1869, 0.2877,
0.3079

130.7439, 0.2935,
0.3129

■ 41.9590, 0.2849,
0.3055

164.1686, 0.2949,
0.3141

■ 29.0692, 0.2813,
0.3024

202.8534, 0.2961,
0.3151

■ 19.1331, 0.2767,
0.2985

247.1828, 0.2972,
0.3160

■ 11.7665, 0.2706,
0.2931

297.5411, 0.2981,
0.3168

■ 6.5849, 0.2619,
0.2856

354.3128, 0.2989,

■ 3.2039, 0.2489,

0.3175

0.2740

417.8821, 0.2997,
0.3181

■ 1.2391, 0.2271,
0.2543

■ 0.0933, 0.0312,
0.0954

■ 78.1375, 0.2900,
0.3099

■ 78.1375, 0.2900,
0.3099

■ 67.9669, 0.2737,
0.2949

■ 89.3834, 0.3058,
0.3234

■ 58.8255, 0.2571,
0.2784

■ 99.6219, 0.3162,
0.3347

■ 50.6781, 0.2408,
0.2606

■ 43.4830, 0.2252,
0.2417

■ 37.1953, 0.2108,
0.2221

■ 31.7651, 0.1982,
0.2023

■ 27.1360, 0.1877,
0.1828

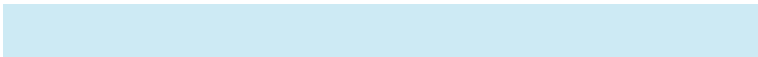
■ 23.2410, 0.1798,
0.1643

■ 21.3539, 0.1763,
0.1545

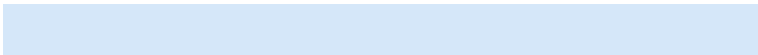
Harmonies

Analogous

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



78.1375, 0.2878, 0.3180



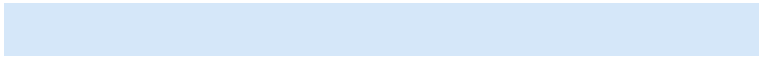
78.1375, 0.2900, 0.3099



78.1375, 0.2982, 0.3070

Triad

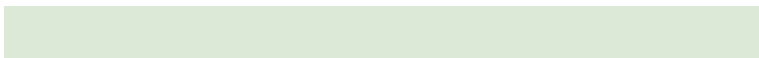
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.1375, 0.2900, 0.3099



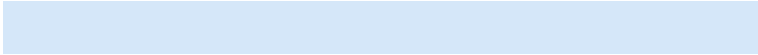
78.1375, 0.3337, 0.3281



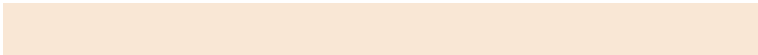
78.1375, 0.3147, 0.3493

Complementary

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



78.1375, 0.2900, 0.3099



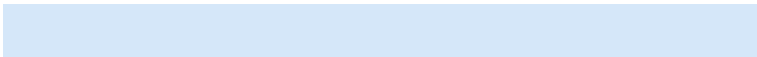
82.1249, 0.3370, 0.3474

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.



78.1375, 0.3272, 0.3518



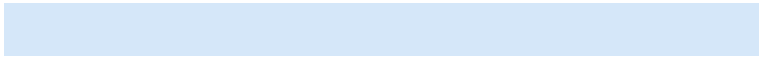
78.1375, 0.2900, 0.3099



78.1375, 0.3383, 0.3392

Square

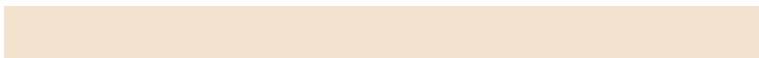
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.1375, 0.2900, 0.3099



78.1375, 0.3234, 0.3174



78.1375, 0.3359, 0.3479



78.1375, 0.3019, 0.3410

Rectangle

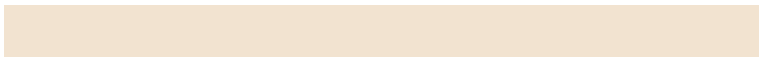
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.1375, 0.2900, 0.3099



78.1375, 0.3060, 0.3083



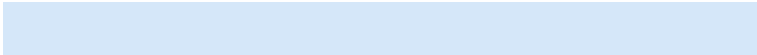
78.1375, 0.3359, 0.3479



78.1375, 0.3191, 0.3508

Sweetspot

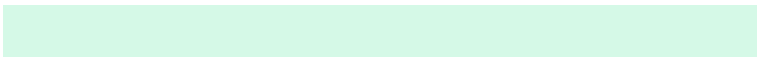
The Sweet Spot groups the original color and five complimentary colors.



78.1407, 0.2900, 0.3099



94.9022, 0.3066, 0.3240



87.6919, 0.3006, 0.3480



20.1123, 0.3054, 0.3231



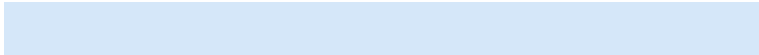
0.0000, 0.0000, 0.0000



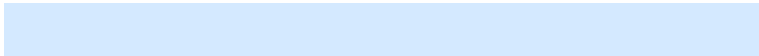
21.4041, 0.3127, 0.3290

Same Dimension

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



78.1407, 0.2900, 0.3099



79.6139, 0.2859, 0.3062



68.5783, 0.2893, 0.2903



18.0754, 0.2980, 0.3168



11.7108, 0.1771, 0.1573



1.2966, 0.1830, 0.1789

Inverse Universe

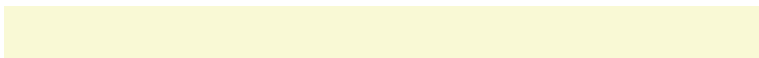
The Inverse Universe completely reimagines the original color for something new.



73.5061, 0.3268, 0.3108



74.0726, 0.3297, 0.3074



92.7256, 0.3345, 0.3650



17.3698, 0.3215, 0.3172



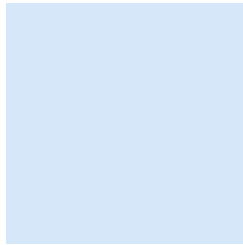
11.5931, 0.4965, 0.2509



1.0951, 0.4698, 0.2362

Previews

White Background



This preview shows how the Yxy color 78.1375, 0.2900, 0.3099 looks on a white background.

Color Contrast Check

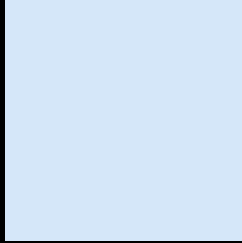
Large Text (above 18pt) WCAG AA × Fail

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 78.1375, 0.2900, 0.3099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

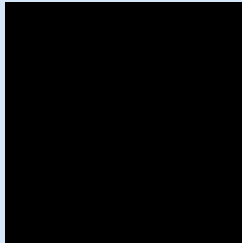
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

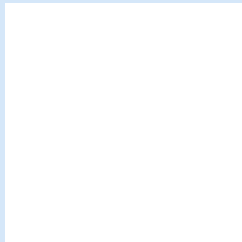
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.1375, 0.2900, 0.3099

Background



This preview shows how black text looks on a background with the Yxy color 78.1375, 0.2900, 0.3099.



This preview shows how white text looks on a background with the Yxy color 78.1375, 0.2900, 0.3099.

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

78.1375, 0.2900, 0.3099

Protanopia

77.9845, 0.3002, 0.3083

Deuteranopia

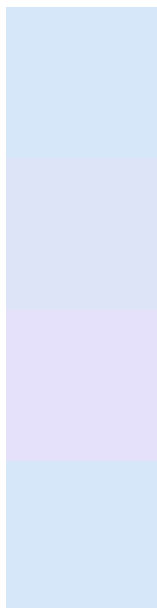
77.7329, 0.3065, 0.2998



Tritanopia

78.1375, 0.2900, 0.3099

Trichromacy



Original Color

78.1375, 0.2900, 0.3099

Protanomaly

77.7937, 0.2963, 0.3081

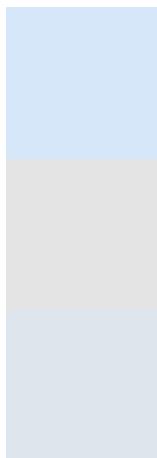
Deuteranomaly

77.5755, 0.3003, 0.3033

Tritanomaly

78.1375, 0.2900, 0.3099

Monochromacy



Original Color

78.1375, 0.2900, 0.3099

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.7827, 0.3043, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.1375, 0.2900, 0.3099 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(213, 231, 249)` looks like.

```
.text, #text, p{  
    color:rgb(213, 231, 249)  
}
```

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(213, 231, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 231, 249) }
```

Border

The CSS property to change the border of an element to Yxy 78.1375, 0.2900, 0.3099 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(213, 231, 249) }
```

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

```
.border{ border-color:rgb(213, 231, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 231, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 231, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 231, 249);  
box-shadow:4px 4px 4px 4px rgb(213, 231,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 78.1375, 0.2900, 0.3099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 231, 249) }
```

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

```
.background{ background-color: rgb(213,  
231, 249) }
```

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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