

Converting Colors

Yxy(82.8933, 0.2635, 0.2583)

Have a look what the booklet for
Yxy(82.8933, 0.2635, 0.2583)
contains.

Yxy(79.2773, 0.2897, 0.3040)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(79.2773, 0.2897, 0.3040)

Conversions

Conversions Part 1

Format	Color
Hex	DAE7FF
RGB	218, 231, 255
RGB Percent	85%, 91%, 100%
CMY	0.1450, 0.0941, 0.0000
CMYK	0.15, 0.09, 0.00, 0.00
HSL	219°, 100%, 93%
HSV	219°, 15%, 100%
XYZ	75.5481, 79.2773, 105.9552
YIQ	229.8490, -15.4520, 4.7080

Conversions

Conversions Part 2

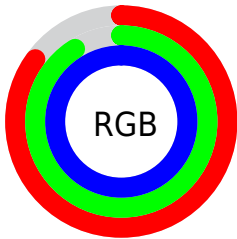
Format	Color
R _Y B	218, 228, 255
Decimal	14346239
CIE Lab	91.36, 0.40, -13.09
CIE LCh	91, 13.094, 271.767
Yxy	79.2773, 0.2897, 0.3040
Android (android.graphics.Color)	4292536319 (0xFFDAE7FF)
YUV	229.8490, 12.3994, -10.3916
Hunter-Lab	89.0378, -4.3598, -8.2288

Details

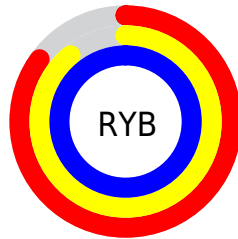
The Yxy color **79.2773, 0.2897, 0.3040** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89.8438, 0.3363, 0.3528**, and the grayscale version is **78.9310, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.9144, 0.2849, 0.2995** is the 20% darker color. If you saturate the color by 10%, you get **66.8120, 0.2727, 0.2843**, and if you desaturate by 10%, it is **93.2261, 0.3058, 0.3217**.

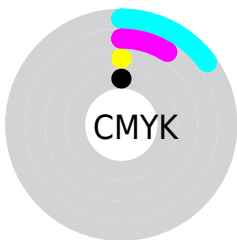
Distribution



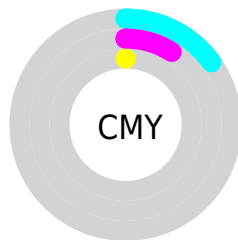
- Red (85%)
- Green (91%)
- Blue (100%)



- Red (85%)
- Yellow (89%)
- Blue (100%)



- Cyan (15%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.2773, 0.2897, 0.3040 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 79.2773, 0.2897, 0.3040 by changing the saturation by 10% instead.

■ 79.2773, 0.2897,
0.3040

■ 79.2773, 0.2897,
0.3040

492.4939, 0.3001,
0.3153

■ 59.1238, 0.2874,
0.3015

132.3492, 0.2933,
0.3079

■ 42.7128, 0.2845,
0.2984

166.0364, 0.2947,
0.3094

■ 29.6598, 0.2809,
0.2945

205.0036, 0.2959,
0.3107

■ 19.5805, 0.2763,
0.2895

249.6352, 0.2970,
0.3119

■ 12.0905, 0.2701,
0.2828

300.3157, 0.2979,
0.3129

■ 6.8054, 0.2615,
0.2735

357.4294, 0.2987,

■ 3.3407, 0.2485,

0.3138

0.2595

421.3607, 0.2995,
0.3146

■ 1.3121, 0.2270,
0.2364

■ 0.1505, 0.1103,
0.1085

■ 79.2773, 0.2897,
0.3040

■ 79.2773, 0.2897,
0.3040

■ 66.8120, 0.2727,
0.2843

■ 93.2261, 0.3058,
0.3217

■ 55.7750, 0.2549,
0.2625

100.0000, 0.3127,
0.3290

■ 46.1125, 0.2370,
0.2390

■ 37.7656, 0.2194,
0.2142

■ 30.6709, 0.2028,
0.1889

■ 24.7584, 0.1882,
0.1639

■ 19.9502, 0.1762,
0.1404

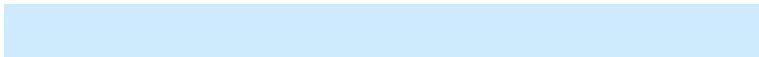
■ 16.1550, 0.1674,
0.1194

■ 14.4418, 0.1637,
0.1091

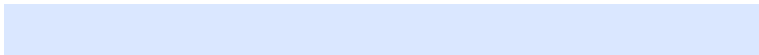
Harmonies

Analogous

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



79.2773, 0.2836, 0.3107



79.2773, 0.2897, 0.3040



79.2773, 0.3019, 0.3039

Triad

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



79.2773, 0.2897, 0.3040



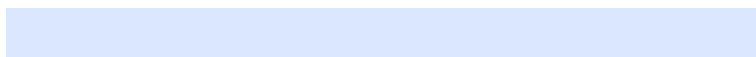
79.2773, 0.3411, 0.3342



79.2773, 0.3076, 0.3491

Complementary

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



79.2773, 0.2897, 0.3040



89.8438, 0.3363, 0.3528

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.



79.2773, 0.3231, 0.3555



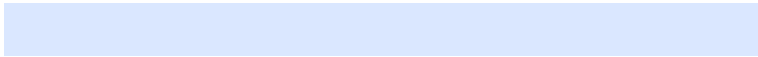
79.2773, 0.2897, 0.3040



79.2773, 0.3426, 0.3464

Square

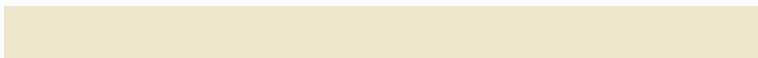
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.2773, 0.2897, 0.3040



79.2773, 0.3317, 0.3210



79.2773, 0.3360, 0.3544



79.2773, 0.2938, 0.3369

Rectangle

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



79.2773, 0.2897, 0.3040



79.2773, 0.3121, 0.3074



79.2773, 0.3360, 0.3544



79.2773, 0.3128, 0.3521

Sweetspot

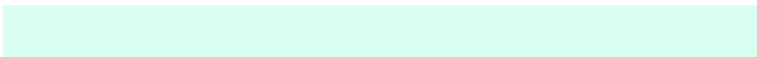
The Sweet Spot groups the original color and five complimentary colors.



79.2784, 0.2897, 0.3040



93.9643, 0.3066, 0.3225



92.8063, 0.2979, 0.3429



19.8751, 0.3054, 0.3213



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.



79.2784, 0.2897, 0.3040



76.0258, 0.2855, 0.2993



73.0554, 0.2925, 0.2906



18.4201, 0.2979, 0.3131



7.7983, 0.1645, 0.1121



0.9552, 0.1707, 0.1345

Inverse Universe

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



77.1841, 0.3307, 0.3161



73.7104, 0.3343, 0.3138



96.9201, 0.3313, 0.3654



18.0923, 0.3239, 0.3207



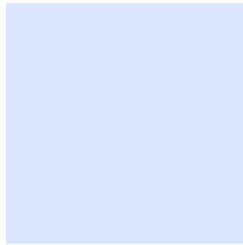
11.5152, 0.5580, 0.2848



1.1410, 0.5265, 0.2674

Previews

White Background



This preview shows how the Yxy color 79.2773, 0.2897, 0.3040 looks on a white background.

Color Contrast Check

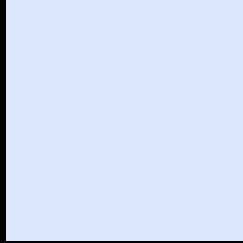
Large Text (above 18pt) WCAG AA × Fail

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 79.2773, 0.2897, 0.3040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

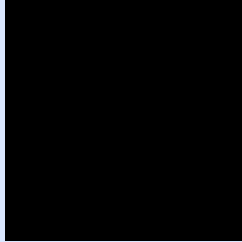
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

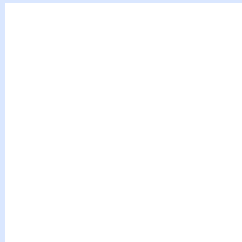
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.2773, 0.2897, 0.3040

Background



This preview shows how black text looks on a background with the Yxy color 79.2773, 0.2897, 0.3040.



This preview shows how white text looks on a background with the Yxy color 79.2773, 0.2897, 0.3040.

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

79.2773, 0.2897, 0.3040

Protanopia

78.9095, 0.2966, 0.3033

Deuteranopia

78.8820, 0.3033, 0.2979



Tritanopia

79.3671, 0.2920, 0.3101

Trichromacy



Original Color

79.2773, 0.2897, 0.3040

Protanomaly

79.0417, 0.2940, 0.3032

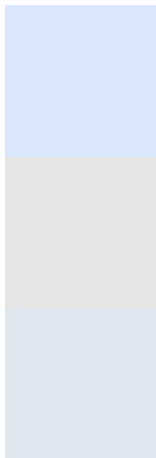
Deuteranomaly

79.1471, 0.2980, 0.3005

Tritanomaly

79.4932, 0.2908, 0.3081

Monochromacy



Original Color

79.2773, 0.2897, 0.3040

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

78.9944, 0.3044, 0.3196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.2773, 0.2897, 0.3040 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, 231, 255)` looks like.

```
.text, #text, p{  
    color:rgb(218, 231, 255)  
}
```

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, 231, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 231, 255) }
```

Border

The CSS property to change the border of an element to Yxy 79.2773, 0.2897, 0.3040 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, 231, 255) }
```

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

```
.border{ border-color:rgb(218, 231, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 231, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 231, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 231, 255);  
box-shadow:4px 4px 4px 4px rgb(218, 231,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 79.2773, 0.2897, 0.3040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 231, 255) }
```

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

```
.background{ background-color: rgb(218,  
231, 255) }
```

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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