

Converting Colors

Yxy(76.4391, 0.2887, 0.2989)

Have a look what the booklet for
Yxy(76.4391, 0.2887, 0.2989)
contains.

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Color

Yxy(76.3644, 0.2889, 0.2987)

Conversions

Conversions Part 1

Format	Color
Hex	D9E2FF
RGB	217, 226, 255
RGB Percent	85%, 89%, 100%
CMY	0.1490, 0.1137, 0.0001
CMYK	0.15, 0.11, 0.00, 0.00
HSL	226°, 100%, 93%
HSV	226°, 15%, 100%
XYZ	73.8590, 76.3644, 105.4325
YIQ	226.6150, -14.6730, 7.1110

Conversions

Conversions Part 2

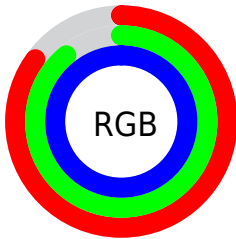
Format	Color
R _Y B	217, 224, 255
Decimal	14279423
CIE Lab	90.03, 2.66, -15.06
CIE LCh	90, 15.291, 280.035
Yxy	76.3644, 0.2889, 0.2987
Android (android.graphics.Color)	4292469503 (0xFFD9E2FF)
YUV	226.6150, 13.9938, -8.4324
Hunter-Lab	87.3867, -2.0592, -10.3629

Details

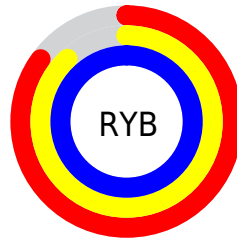
The Yxy color **76.3644, 0.2889, 0.2987** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **92.1609, 0.3364, 0.3576**, and the grayscale version is **76.4280, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.8844, 0.2837, 0.2925** is the 20% darker color. If you saturate the color by 10%, you get **62.7707, 0.2712, 0.2752**, and if you desaturate by 10%, it is **91.7683, 0.3052, 0.3197**.

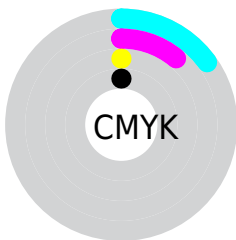
Distribution



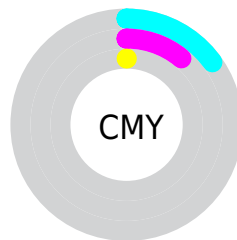
- Red (85%)
- Green (89%)
- Blue (100%)



- Red (85%)
- Yellow (88%)
- Blue (100%)



- Cyan (15%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.3644, 0.2889, 0.2987 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 76.3644, 0.2889, 0.2987 by changing the saturation by 10% instead.

■ 76.3644, 0.2889,
0.2987

■ 76.3644, 0.2889,
0.2987

482.5942, 0.2998,
0.3125

■ 56.7314, 0.2864,
0.2956

128.2419, 0.2927,
0.3034

■ 40.7896, 0.2834,
0.2919

161.2551, 0.2941,
0.3053

■ 28.1547, 0.2796,
0.2871

199.4972, 0.2954,
0.3069

■ 18.4423, 0.2747,
0.2811

243.3525, 0.2965,
0.3083

■ 11.2680, 0.2681,
0.2729

293.2055, 0.2975,
0.3095

■ 6.2474, 0.2588,
0.2616

349.4405, 0.2983,

■ 2.9961, 0.2447,

0.3106

0.2446

412.4419, 0.2991,
0.3116

■ 1.1297, 0.2210,
0.2168

■ 0.0031, 0.0602,
0.0028

■ 76.3644, 0.2889,
0.2987

■ 76.3644, 0.2889,
0.2987

■ 62.7707, 0.2712,
0.2752

■ 91.7683, 0.3052,
0.3197

■ 50.9102, 0.2526,
0.2493

99.9984, 0.3127,
0.3290

■ 40.7141, 0.2333,
0.2215

■ 32.1055, 0.2143,
0.1925

■ 25.0007, 0.1965,
0.1636

■ 19.3083, 0.1808,
0.1360

■ 14.9253, 0.1683,
0.1116

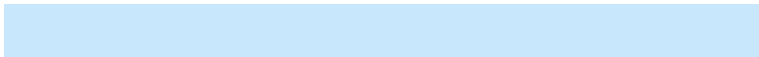
■ 11.7327, 0.1597,
0.0917

■ 10.4970, 0.1565,
0.0835

Harmonies

Analogous

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



76.3644, 0.2796, 0.3044



76.3644, 0.2889, 0.2987



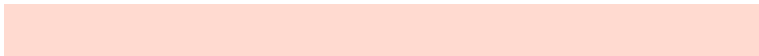
76.3644, 0.3047, 0.3008

Triad

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



76.3644, 0.2889, 0.2987



76.3644, 0.3479, 0.3392



76.3644, 0.3018, 0.3494

Complementary

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



76.3644, 0.2889, 0.2987



92.1609, 0.3364, 0.3576

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.



76.3644, 0.3199, 0.3593



76.3644, 0.2889, 0.2987



76.3644, 0.3469, 0.3527

Square

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



76.3644, 0.2889, 0.2987



76.3644, 0.3391, 0.3237



76.3644, 0.3365, 0.3603



76.3644, 0.2868, 0.3337

Rectangle

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



76.3644, 0.2889, 0.2987



76.3644, 0.3170, 0.3061



76.3644, 0.3365, 0.3603



76.3644, 0.3077, 0.3536

Sweetspot

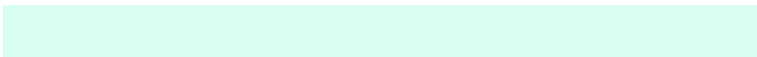
The Sweet Spot groups the original color and five complimentary colors.



76.3676, 0.2889, 0.2987



93.2515, 0.3066, 0.3214



92.8788, 0.2951, 0.3387



19.6952, 0.3055, 0.3199



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.



76.3676, 0.2889, 0.2987



71.9665, 0.2835, 0.2917



73.0965, 0.2949, 0.2898



18.0767, 0.2979, 0.3103



5.6753, 0.1572, 0.0859



0.7122, 0.1629, 0.1064

Inverse Universe

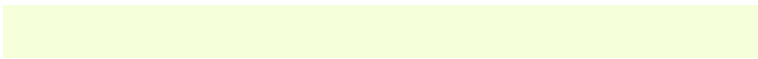
The Inverse Universe completely reimagines the original color for something new.



76.3754, 0.3343, 0.3200



72.0763, 0.3397, 0.3181



96.0135, 0.3289, 0.3668



18.0576, 0.3257, 0.3234



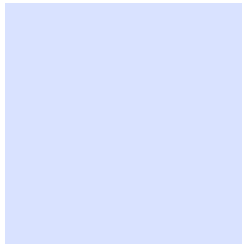
11.3009, 0.5975, 0.3065



1.1164, 0.5664, 0.2894

Previews

White Background



This preview shows how the Yxy color 76.3644, 0.2889, 0.2987 looks on a white background.

Color Contrast Check

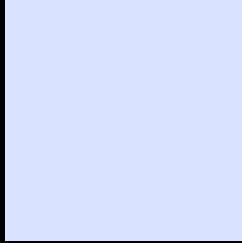
Large Text (above 18pt) WCAG AA × Fail

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 76.3644, 0.2889, 0.2987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

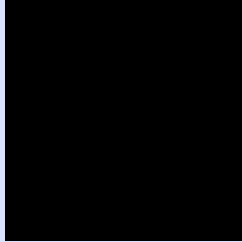
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.3644, 0.2889, 0.2987

Background



This preview shows how black text looks on a background with the Yxy color 76.3644, 0.2889, 0.2987.



This preview shows how white text looks on a background with the Yxy color 76.3644, 0.2889, 0.2987.

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

76.3644, 0.2889, 0.2987

Protanopia

76.5358, 0.2927, 0.2989

Deuteranopia

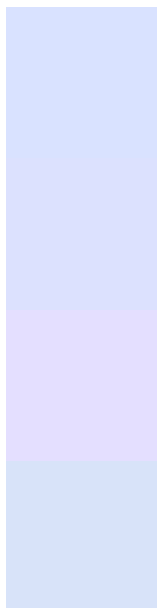
76.4253, 0.2999, 0.2945



Tritanopia

76.5877, 0.2930, 0.3099

Trichromacy



Original Color

76.3644, 0.2889, 0.2987

Protanomaly

76.2218, 0.2914, 0.2988

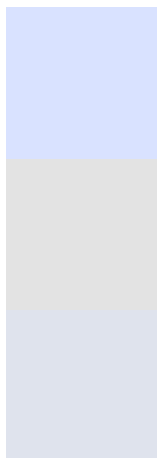
Deuteranomaly

76.4893, 0.2959, 0.2962

Tritanomaly

76.3767, 0.2918, 0.3058

Monochromacy



Original Color

76.3644, 0.2889, 0.2987

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.7406, 0.3037, 0.3184

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.3644, 0.2889, 0.2987 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(217, 226, 255)` looks like.

```
.text, #text, p{  
    color:rgb(217, 226, 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(217, 226, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 226, 255) }
```

Border

The CSS property to change the border of an element to Yxy 76.3644, 0.2889, 0.2987 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(217, 226, 255) }
```

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

```
.border{ border-color:rgb(217, 226, 255) }
```

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

Here you see how a box with a 4 pixel rgb(217, 226, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 226, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 226, 255);  
box-shadow:4px 4px 4px 4px rgb(217, 226,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 76.3644, 0.2889, 0.2987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 226, 255) }
```

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

```
.background{ background-color: rgb(217,  
226, 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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