

Converting Colors

$Yxy(76.4078, 0.2948, 0.3106)$

Have a look what the booklet for
Yxy(76.4078, 0.2948, 0.3106)
contains.

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Color

Yxy(76.2825, 0.2948, 0.3099)

Conversions

Conversions Part 1

Format	Color
Hex	D9E3F5
RGB	217, 227, 245
RGB Percent	85%, 89%, 96%
CMY	0.1491, 0.1098, 0.0391
CMYK	0.11, 0.07, 0.00, 0.04
HSL	219°, 58%, 91%
HSV	219°, 11%, 96%
XYZ	72.5656, 76.2825, 97.3039
YIQ	226.0620, -11.7380, 3.4780

Conversions

Conversions Part 2

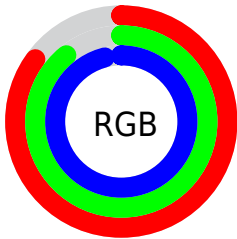
Format	Color
R _Y B	217, 224, 245
Decimal	14279669
CIE Lab	89.99, 0.13, -9.90
CIE LCh	90, 9.902, 270.746
Yxy	76.2825, 0.2948, 0.3099
Android (android.graphics.Color)	4292469749 (0xFFD9E3F5)
YUV	226.0620, 9.3364, -7.9474
Hunter-Lab	87.3399, -4.5395, -4.9161

Details

The Yxy color **76.2825, 0.2948, 0.3099** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83.8464, 0.3310, 0.3474**, and the grayscale version is **76.0395, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.8606, 0.2905, 0.3057** is the 20% darker color. If you saturate the color by 10%, you get **64.5815, 0.2781, 0.2910**, and if you desaturate by 10%, it is **89.3351, 0.3105, 0.3267**.

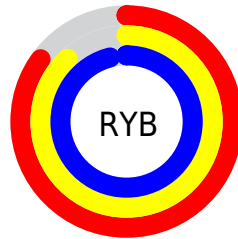
Distribution



Red (85%)

Green (89%)

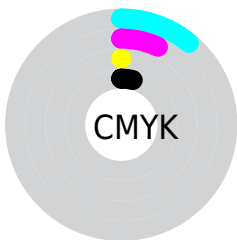
Blue (96%)



Red (85%)

Yellow (88%)

Blue (96%)

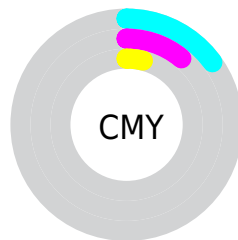


Cyan (11%)

Magenta (7%)

Yellow (0%)

Black (4%)



Cyan (15%)

Magenta (11%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.2825, 0.2948, 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 76.2825, 0.2948, 0.3099 by changing the saturation by 10% instead.

■ 76.2825, 0.2948,
0.3099

■ 76.2825, 0.2948,
0.3099

482.3142, 0.3030,
0.3186

■ 56.6642, 0.2929,
0.3079

128.1262, 0.2976,
0.3129

■ 40.7357, 0.2907,
0.3055

161.1203, 0.2987,
0.3141

■ 28.1126, 0.2878,
0.3024

199.3418, 0.2997,
0.3151

■ 18.4106, 0.2841,
0.2985

243.1751, 0.3005,
0.3160

■ 11.2452, 0.2791,
0.2931

293.0046, 0.3013,
0.3168

■ 6.2320, 0.2719,
0.2855

349.2147, 0.3019,

■ 2.9866, 0.2610,

0.3175

0.2739

412.1898, 0.3025,
0.3181

■ 1.1248, 0.2423,
0.2541

■ 0.0000, 0.0031,
0.0000

■ 76.2825, 0.2948,
0.3099

■ 76.2825, 0.2948,
0.3099

■ 64.5815, 0.2781,
0.2910

■ 89.3351, 0.3105,
0.3267

■ 54.1772, 0.2606,
0.2701

■ 99.3741, 0.3185,
0.3386

■ 45.0244, 0.2427,
0.2474

■ 37.0718, 0.2251,
0.2233

■ 30.2638, 0.2082,
0.1983

■ 24.5401, 0.1931,
0.1733

■ 19.8332, 0.1802,
0.1494

■ 16.0662, 0.1704,
0.1276

■ 13.5003, 0.1642,
0.1112

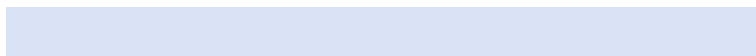
Harmonies

Analogous

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



76.2825, 0.2903, 0.3153



76.2825, 0.2948, 0.3099



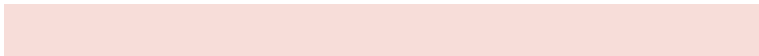
76.2825, 0.3041, 0.3095

Triad

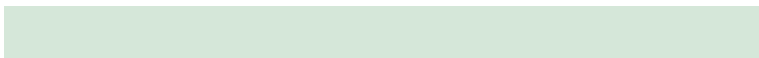
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.2825, 0.2948, 0.3099



76.2825, 0.3343, 0.3327



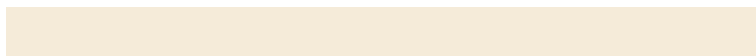
76.2825, 0.3093, 0.3446

Complementary

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



76.2825, 0.2948, 0.3099



83.8464, 0.3310, 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.



76.2825, 0.3211, 0.3493



76.2825, 0.2948, 0.3099



76.2825, 0.3357, 0.3422

Square

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



76.2825, 0.2948, 0.3099



76.2825, 0.3270, 0.3226



76.2825, 0.3308, 0.3483



76.2825, 0.2985, 0.3354

Rectangle

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



76.2825, 0.2948, 0.3099



76.2825, 0.3119, 0.3121



76.2825, 0.3308, 0.3483



76.2825, 0.3132, 0.3467

Sweetspot

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



76.2857, 0.2948, 0.3099



95.4810, 0.3081, 0.3242



86.0529, 0.3010, 0.3398



20.1833, 0.3069, 0.3229



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.



76.2857, 0.2948, 0.3099



80.0717, 0.2906, 0.3052



71.5431, 0.2971, 0.2993



16.8957, 0.2980, 0.3134



7.5085, 0.1651, 0.1141



0.8469, 0.1720, 0.1390

Inverse Universe

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



74.5831, 0.3263, 0.3188



77.9091, 0.3298, 0.3163



89.0799, 0.3273, 0.3575



16.5804, 0.3237, 0.3206



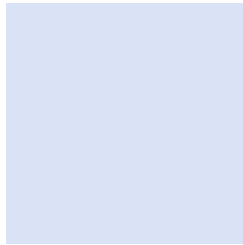
10.8574, 0.5550, 0.2831



0.9731, 0.5204, 0.2641

Previews

White Background



This preview shows how the Yxy color 76.2825, 0.2948, 0.3099 looks on a white background.

Color Contrast Check

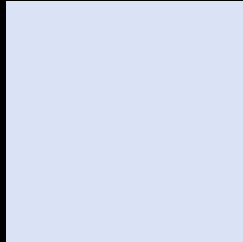
Large Text (above 18pt) WCAG AA × Fail

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 76.2825, 0.2948, 0.3099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

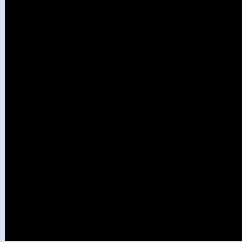
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

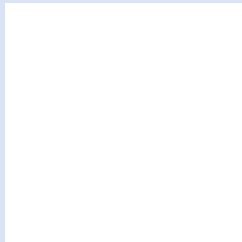
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.2825, 0.2948, 0.3099

Background



This preview shows how black text looks on a background with the Yxy color 76.2825, 0.2948, 0.3099.

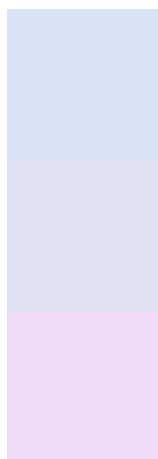


This preview shows how white text looks on a background with the Yxy color 76.2825, 0.2948, 0.3099.

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

76.2825, 0.2948, 0.3099

Protanopia

76.3896, 0.3007, 0.3091

Deuteranopia

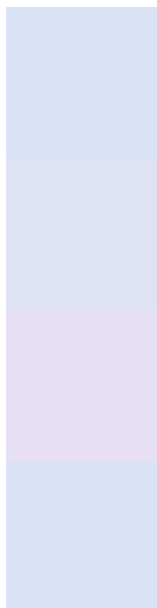
76.1909, 0.3091, 0.3026



Tritanopia

76.2825, 0.2948, 0.3099

Trichromacy



Original Color

76.2825, 0.2948, 0.3099

Protanomaly

76.4540, 0.2987, 0.3101

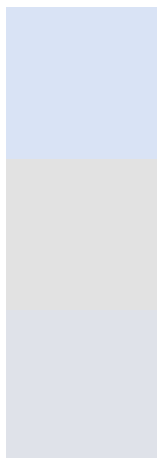
Deuteranomaly

76.4181, 0.3035, 0.3053

Tritanomaly

76.2825, 0.2948, 0.3099

Monochromacy



Original Color

76.2825, 0.2948, 0.3099

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.9639, 0.3062, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.2825, 0.2948, 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(217, 227, 245)` looks like.

```
.text, #text, p{  
    color:rgb(217, 227, 245)  
}
```

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, 227, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 227, 245) }
```

Border

The CSS property to change the border of an element to Yxy 76.2825, 0.2948, 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(217, 227, 245) }
```

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

```
.border{ border-color:rgb(217, 227, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 227, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 227, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 227, 245);  
box-shadow:4px 4px 4px 4px rgb(217, 227,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 76.2825, 0.2948, 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(217, 227, 245) }
```

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

```
.background{ background-color: rgb(217,  
227, 245) }
```

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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