

Converting Colors

$Yxy(75.4769, 0.2986, 0.3110)$

Have a look what the booklet for
Yxy(75.4769, 0.2986, 0.3110)
contains.

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Color

Yxy(75.4769, 0.2986, 0.3110)

Conversions

Conversions Part 1

Format	Color
Hex	DCE1F2
RGB	220, 225, 242
RGB Percent	86%, 88%, 95%
CMY	0.1372, 0.1176, 0.0510
CMYK	0.09, 0.07, 0.00, 0.05
HSL	226°, 46%, 91%
HSV	226°, 9%, 95%
XYZ	72.4675, 75.4769, 94.7466
YIQ	225.4430, -8.4370, 4.2270

Conversions

Conversions Part 2

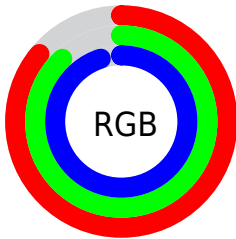
Format	Color
R _Y B	220, 224, 242
Decimal	14475762
CIE Lab	89.62, 1.54, -8.84
CIE LCh	90, 8.977, 279.858
Yxy	75.4769, 0.2986, 0.3110
Android (android.graphics.Color)	4292665842 (0xFFDCE1F2)
YUV	225.4430, 8.1626, -4.7735
Hunter-Lab	86.8774, -3.1424, -3.8461

Details

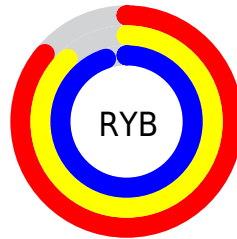
The Yxy color $75.4769, 0.2986, 0.3110$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $84.6092, 0.3268, 0.3464$, and the grayscale version is $75.5773, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $40.2940, 0.2953, 0.3070$ is the 20% darker color. If you saturate the color by 10%, you get $62.4106, 0.2817, 0.2888$, and if you desaturate by 10%, it is $90.2033, 0.3141, 0.3307$.

Distribution



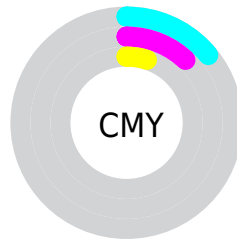
- Red (86%)
- Green (88%)
- Blue (95%)



- Red (86%)
- Yellow (88%)
- Blue (95%)



- Cyan (9%)
- Magenta (7%)
- Yellow (0%)
- Black (5%)



- Cyan (14%)
- Magenta (12%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.4769, 0.2986, 0.3110 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 75.4769, 0.2986, 0.3110 by changing the saturation by 10% instead.

■ 75.4769, 0.2986,
0.3110

■ 75.4769, 0.2986,
0.3110

479.5551, 0.3051,
0.3192

■ 56.0037, 0.2971,
0.3091

126.9872, 0.3008,
0.3138

■ 40.2059, 0.2953,
0.3069

159.7931, 0.3017,
0.3150

■ 27.6991, 0.2930,
0.3040

197.8119, 0.3025,
0.3159

■ 18.0990, 0.2900,
0.3002

241.4282, 0.3031,
0.3167

■ 11.0211, 0.2860,
0.2952

291.0263, 0.3037,
0.3175

■ 6.0810, 0.2802,
0.2880

346.9905, 0.3042,

■ 2.8944, 0.2713,

0.3181

0.2770

409.7053, 0.3047,
0.3187

■ 1.0769, 0.2558,
0.2582

■ 0.0000, 0.0000,
0.0000

■ 75.4769, 0.2986,
0.3110

■ 75.4769, 0.2986,
0.3110

■ 62.4106, 0.2817,
0.2888

■ 90.2033, 0.3141,
0.3307

■ 50.9358, 0.2636,
0.2640

■ 99.1904, 0.3203,
0.3415

■ 40.9935, 0.2446,
0.2370

■ 32.5168, 0.2253,
0.2083

■ 25.4341, 0.2065,
0.1789

■ 19.6673, 0.1894,
0.1502

■ 15.1300, 0.1748,
0.1237

■ 11.7243, 0.1639,
0.1011

■ 9.3231, 0.1567,
0.0835

Harmonies

Analogous

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



75.4769, 0.2930, 0.3146



75.4769, 0.2986, 0.3110



75.4769, 0.3080, 0.3121

Triad

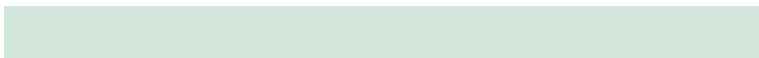
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.4769, 0.2986, 0.3110



75.4769, 0.3333, 0.3352



75.4769, 0.3064, 0.3410

Complementary

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



75.4769, 0.2986, 0.3110



84.6092, 0.3268, 0.3464

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.



75.4769, 0.3171, 0.3467



75.4769, 0.2986, 0.3110



75.4769, 0.3328, 0.3431

Square

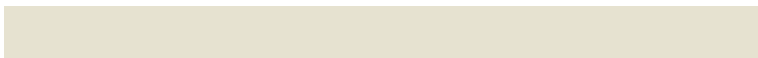
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.4769, 0.2986, 0.3110



75.4769, 0.3282, 0.3259



75.4769, 0.3268, 0.3474



75.4769, 0.2974, 0.3319

Rectangle

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



75.4769, 0.2986, 0.3110



75.4769, 0.3153, 0.3153



75.4769, 0.3268, 0.3474



75.4769, 0.3099, 0.3433

Sweetspot

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



75.4801, 0.2986, 0.3110



94.8642, 0.3082, 0.3233



84.8231, 0.3017, 0.3343



20.0173, 0.3069, 0.3217



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.



75.4801, 0.2986, 0.3110



82.0054, 0.2954, 0.3069



73.7482, 0.3026, 0.3059



15.8116, 0.2980, 0.3102



5.0811, 0.1568, 0.0845



0.5681, 0.1634, 0.1083

Inverse Universe

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



75.5026, 0.3252, 0.3239



82.0727, 0.3282, 0.3227



86.5227, 0.3223, 0.3516



15.8177, 0.3257, 0.3237



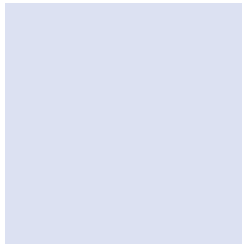
10.3063, 0.5998, 0.3078



0.8721, 0.5635, 0.2878

Previews

White Background



This preview shows how the Yxy color 75.4769, 0.2986, 0.3110 looks on a white background.

Color Contrast Check

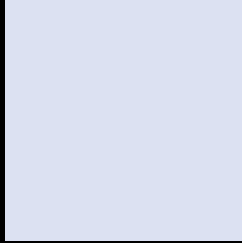
Large Text (above 18pt) WCAG AA × Fail

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 75.4769, 0.2986, 0.3110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

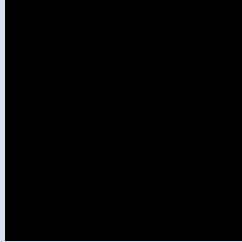
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

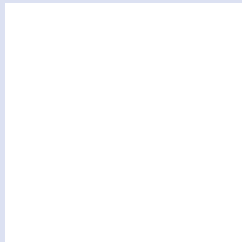
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.4769, 0.2986, 0.3110

Background



This preview shows how black text looks on a background with the Yxy color 75.4769, 0.2986, 0.3110.

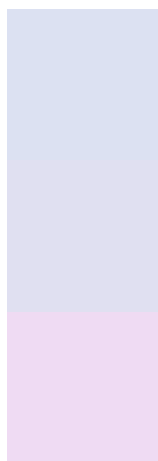


This preview shows how white text looks on a background with the Yxy color 75.4769, 0.2986, 0.3110.

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

75.4769, 0.2986, 0.3110

Protanopia

75.5095, 0.3019, 0.3111

Deuteranopia

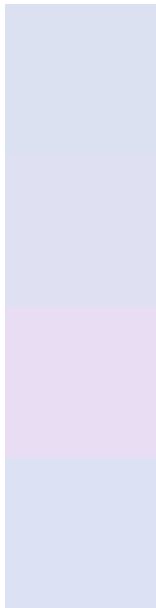
75.4848, 0.3110, 0.3045



Tritanopia

75.5371, 0.2980, 0.3100

Trichromacy



Original Color

75.4769, 0.2986, 0.3110

Protanomaly

75.3502, 0.3012, 0.3111

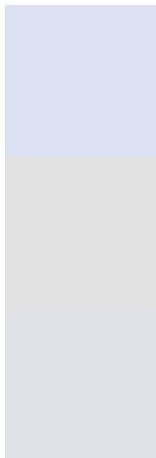
Deuteranomaly

75.3398, 0.3061, 0.3062

Tritanomaly

75.5371, 0.2980, 0.3100

Monochromacy



Original Color

75.4769, 0.2986, 0.3110

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.3079, 0.3075, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.4769, 0.2986, 0.3110 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(220, 225, 242)` looks like.

```
.text, #text, p{  
    color:rgb(220, 225, 242)  
}
```

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(220, 225, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 225, 242) }
```

Border

The CSS property to change the border of an element to Yxy 75.4769, 0.2986, 0.3110 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(220, 225, 242) }
```

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

```
.border{ border-color:rgb(220, 225, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 225, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 225, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 225, 242);  
box-shadow:4px 4px 4px 4px rgb(220, 225,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 75.4769, 0.2986, 0.3110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 225, 242) }
```

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

```
.background{ background-color: rgb(220,  
225, 242) }
```

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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