

Converting Colors

$Yxy(74.5969, 0.2942, 0.3083)$

Have a look what the booklet for
Yxy(74.5969, 0.2942, 0.3083)
contains.

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Color

Yxy(74.8292, 0.2941, 0.3087)

Conversions

Conversions Part 1

Format	Color
Hex	D7E1F4
RGB	215, 225, 244
RGB Percent	84%, 88%, 96%
CMY	0.1567, 0.1177, 0.0431
CMYK	0.12, 0.08, 0.00, 0.04
HSL	219°, 57%, 90%
HSV	219°, 12%, 96%
XYZ	71.2901, 74.8292, 96.2817
YIQ	224.1760, -12.0590, 3.7890

Conversions

Conversions Part 2

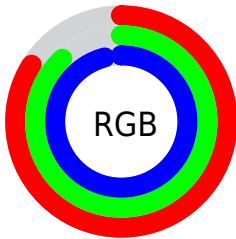
Format	Color
RYB	215, 222, 244
Decimal	14148084
CIELab	89.31, 0.36, -10.39
CIElCh	89, 10.398, 271.959
Yxy	74.8292, 0.2941, 0.3087
Android (android.graphics.Color)	4292338164 (0xFFD7E1F4)
YUV	224.1760, 9.7732, -8.0474
Hunter-Lab	86.5039, -4.2752, -5.4390

Details

The Yxy color `74.8292, 0.2941, 0.3087` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `83.0292, 0.3317, 0.3485`, and the grayscale version is `74.6160, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `39.8539, 0.2895, 0.3041` is the 20% darker color. If you saturate the color by 10%, you get `63.1472, 0.2773, 0.2893`, and if you desaturate by 10%, it is `87.8816, 0.3099, 0.3260`.

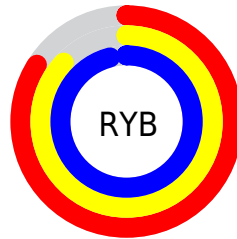
Distribution



Red (84%)

Green (88%)

Blue (96%)



Red (84%)

Yellow (87%)

Blue (96%)

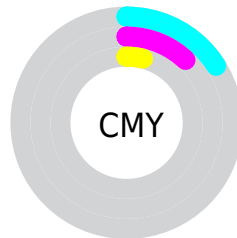


Cyan (12%)

Magenta (8%)

Yellow (0%)

Black (4%)



Cyan (16%)

Magenta (12%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.8292, 0.2941, 0.3087 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 74.8292, 0.2941, 0.3087 by changing the saturation by 10% instead.

■ 74.8292, 0.2941,
0.3087

■ 74.8292, 0.2941,
0.3087

477.3303, 0.3027,
0.3180

■ 55.4730, 0.2922,
0.3066

126.0706, 0.2971,
0.3119

■ 39.7805, 0.2898,
0.3040

158.7245, 0.2982,
0.3132

■ 27.3675, 0.2868,
0.3007

196.5798, 0.2992,
0.3143

■ 17.8494, 0.2829,
0.2965

240.0208, 0.3001,
0.3152

■ 10.8419, 0.2776,
0.2907

289.4320, 0.3008,
0.3160

■ 5.9606, 0.2700,
0.2825

345.1977, 0.3015,

■ 2.8212, 0.2584,

0.3168

0.2700

407.7023, 0.3021,
0.3174

■ 1.0391, 0.2384,
0.2484

■ 0.0000, 0.0000,
0.0000

■ 74.8292, 0.2941,
0.3087

■ 74.8292, 0.2941,
0.3087

■ 63.1472, 0.2773,
0.2893

■ 87.8816, 0.3099,
0.3260

■ 52.7797, 0.2597,
0.2679

■ 99.3123, 0.3191,
0.3395

■ 43.6804, 0.2417,
0.2446

■ 35.7966, 0.2239,
0.2198

■ 29.0714, 0.2069,
0.1943

■ 23.4430, 0.1916,
0.1690

■ 18.8422, 0.1788,
0.1448

■ 15.1900, 0.1690,
0.1230

■ 12.8358, 0.1632,
0.1075

Harmonies

Analogous

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



74.8292, 0.2891, 0.3142



74.8292, 0.2941, 0.3087



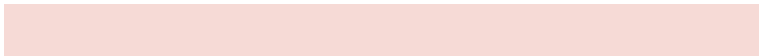
74.8292, 0.3041, 0.3086

Triad

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



74.8292, 0.2941, 0.3087



74.8292, 0.3357, 0.3334



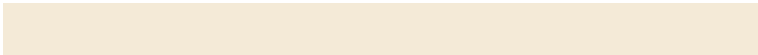
74.8292, 0.3086, 0.3452

Complementary

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



74.8292, 0.2941, 0.3087



83.0292, 0.3317, 0.3485

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.



74.8292, 0.3211, 0.3504



74.8292, 0.2941, 0.3087



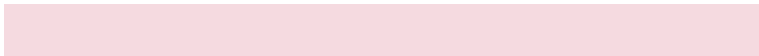
74.8292, 0.3369, 0.3432

Square

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



74.8292, 0.2941, 0.3087



74.8292, 0.3282, 0.3226



74.8292, 0.3315, 0.3496



74.8292, 0.2974, 0.3354

Rectangle

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



74.8292, 0.2941, 0.3087



74.8292, 0.3123, 0.3114



74.8292, 0.3315, 0.3496



74.8292, 0.3128, 0.3475

Sweetspot

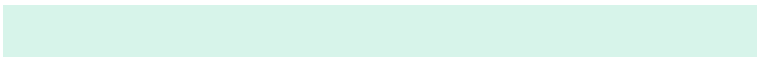
The Sweet Spot groups the original color and five complimentary colors.



74.8323, 0.2941, 0.3087



93.9167, 0.3066, 0.3225



85.0959, 0.3003, 0.3397



19.8631, 0.3054, 0.3212



0.0000, 0.0000, 0.0000



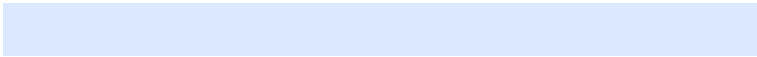
21.4041, 0.3127, 0.3290

Same Dimension

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



74.8323, 0.2941, 0.3087



79.7894, 0.2905, 0.3047



70.2795, 0.2968, 0.2981



16.8567, 0.2980, 0.3130



7.2069, 0.1640, 0.1104



0.8171, 0.1709, 0.1352

Inverse Universe

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



73.2968, 0.3271, 0.3188



77.8806, 0.3302, 0.3168



88.0839, 0.3275, 0.3586



16.5764, 0.3240, 0.3209



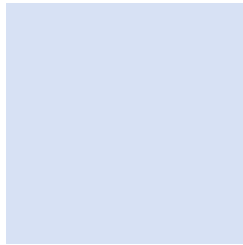
10.8269, 0.5604, 0.2861



0.9701, 0.5255, 0.2669

Previews

White Background



This preview shows how the Yxy color 74.8292, 0.2941, 0.3087 looks on a white background.

Color Contrast Check

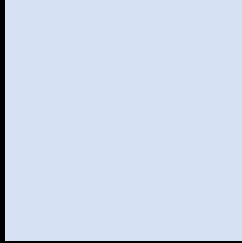
Large Text (above 18pt) WCAG AA × Fail

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 74.8292, 0.2941, 0.3087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

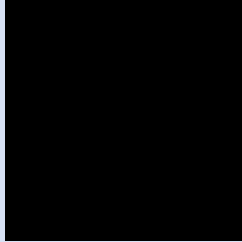
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

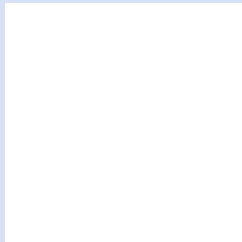
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.8292, 0.2941, 0.3087

Background



This preview shows how black text looks on a background with the Yxy color 74.8292, 0.2941, 0.3087.

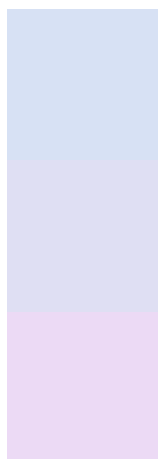


This preview shows how white text looks on a background with the Yxy color 74.8292, 0.2941, 0.3087.

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

74.8292, 0.2941, 0.3087

Protanopia

74.9344, 0.3000, 0.3079

Deuteranopia

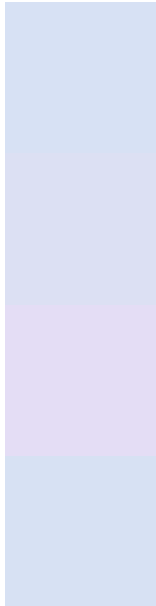
74.5682, 0.3077, 0.3013



Tritanopia

74.7686, 0.2947, 0.3098

Trichromacy



Original Color

74.8292, 0.2941, 0.3087

Protanomaly

74.9980, 0.2980, 0.3089

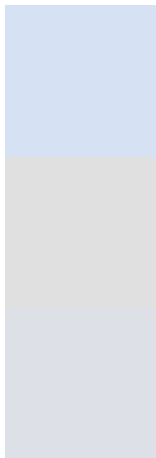
Deuteranomaly

74.7995, 0.3021, 0.3040

Tritanomaly

74.7686, 0.2947, 0.3098

Monochromacy



Original Color

74.8292, 0.2941, 0.3087

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.4530, 0.3061, 0.3215

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.8292, 0.2941, 0.3087 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(215, 225, 244)` looks like.

```
.text, #text, p{  
    color:rgb(215, 225, 244)  
}
```

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(215, 225, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 225, 244) }
```

Border

The CSS property to change the border of an element to Yxy 74.8292, 0.2941, 0.3087 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(215, 225, 244) }
```

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

```
.border{ border-color:rgb(215, 225, 244) }
```

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

Here you see how a box with a 4 pixel rgb(215, 225, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 225, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 225, 244);  
box-shadow:4px 4px 4px 4px rgb(215, 225,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 74.8292, 0.2941, 0.3087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 225, 244) }
```

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

```
.background{ background-color: rgb(215,  
225, 244) }
```

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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