

Converting Colors

$Yxy(73.6472, 0.2937, 0.3061)$

Have a look what the booklet for
Yxy(73.6472, 0.2937, 0.3061)
contains.

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Color

Yxy(73.7541, 0.2940, 0.3066)

Conversions

Conversions Part 1

Format	Color
Hex	D7DFF4
RGB	215, 223, 244
RGB Percent	84%, 87%, 96%
CMY	0.1571, 0.1254, 0.0432
CMYK	0.12, 0.09, 0.00, 0.04
HSL	223°, 57%, 90%
HSV	223°, 12%, 96%
XYZ	70.7231, 73.7541, 96.0776
YIQ	223.0020, -11.5090, 4.8350

Conversions

Conversions Part 2

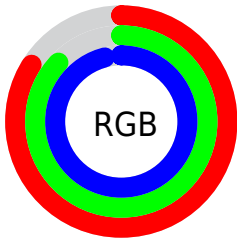
Format	Color
R _Y B	215, 221, 244
Decimal	14147572
CIE Lab	88.81, 1.33, -11.13
CIE LCh	89, 11.210, 276.826
Yxy	73.7541, 0.2940, 0.3066
Android (android.graphics.Color)	4292337652 (0xFFD7DFF4)
YUV	223.0020, 10.3520, -7.0178
Hunter-Lab	85.8802, -3.2940, -6.2139

Details

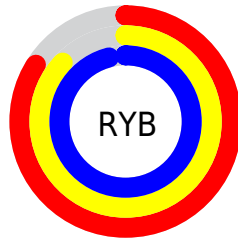
The Yxy color `73.7541, 0.2940, 0.3066` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `84.0555, 0.3315, 0.3504`, and the grayscale version is `73.7190, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `39.1097, 0.2894, 0.3012` is the 20% darker color. If you saturate the color by 10%, you get `61.4148, 0.2769, 0.2852`, and if you desaturate by 10%, it is `87.6277, 0.3098, 0.3256`.

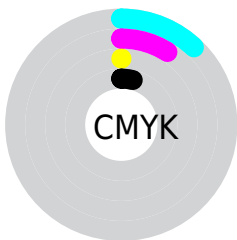
Distribution



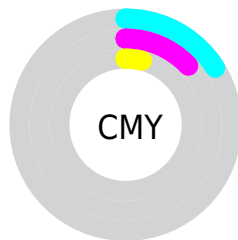
- Red (84%)
- Green (87%)
- Blue (96%)



- Red (84%)
- Yellow (87%)
- Blue (96%)



- Cyan (12%)
- Magenta (9%)
- Yellow (0%)
- Black (4%)



- Cyan (16%)
- Magenta (13%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.7541, 0.2940, 0.3066 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 73.7541, 0.2940, 0.3066 by changing the saturation by 10% instead.

■ 73.7541, 0.2940,
0.3066

■ 73.7541, 0.2940,
0.3066

473.6243, 0.3026,
0.3169

■ 54.5928, 0.2920,
0.3043

124.5472, 0.2970,
0.3102

■ 39.0758, 0.2896,
0.3014

156.9477, 0.2981,
0.3115

■ 26.8187, 0.2866,
0.2978

194.5302, 0.2992,
0.3127

■ 17.4371, 0.2826,
0.2931

237.6789, 0.3000,
0.3138

■ 10.5466, 0.2772,
0.2868

286.7782, 0.3008,
0.3147

■ 5.7629, 0.2695,
0.2777

342.2126, 0.3015,

■ 2.7014, 0.2575,

0.3155

0.2639

404.3665, 0.3021,
0.3162

■ 0.9779, 0.2368,
0.2401

■ 0.0000, 0.0000,
0.0000

■ 73.7541, 0.2940,
0.3066

■ 73.7541, 0.2940,
0.3066

■ 61.4148, 0.2769,
0.2852

■ 87.6277, 0.3098,
0.3256

■ 50.5464, 0.2589,
0.2615

■ 99.3103, 0.3191,
0.3396

■ 41.0949, 0.2402,
0.2358

■ 32.9990, 0.2216,
0.2087

■ 26.1927, 0.2038,
0.1809

■ 20.6040, 0.1878,
0.1538

■ 16.1528, 0.1745,
0.1286

■ 12.7476, 0.1645,
0.1068

■ 10.6641, 0.1589,
0.0922

Harmonies

Analogous

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



73.7541, 0.2876, 0.3116



73.7541, 0.2940, 0.3066



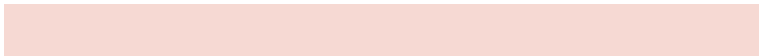
73.7541, 0.3054, 0.3074

Triad

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



73.7541, 0.2940, 0.3066



73.7541, 0.3383, 0.3356



73.7541, 0.3060, 0.3451

Complementary

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



73.7541, 0.2940, 0.3066



84.0555, 0.3315, 0.3504

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.



73.7541, 0.3196, 0.3517



73.7541, 0.2940, 0.3066



73.7541, 0.3384, 0.3458

Square

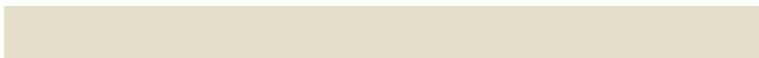
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.7541, 0.2940, 0.3066



73.7541, 0.3312, 0.3239



73.7541, 0.3315, 0.3519



73.7541, 0.2945, 0.3339

Rectangle

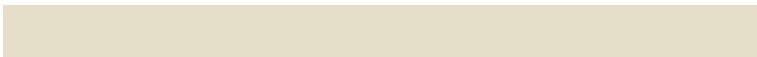
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.7541, 0.2940, 0.3066



73.7541, 0.3145, 0.3111



73.7541, 0.3315, 0.3519



73.7541, 0.3105, 0.3479

Sweetspot

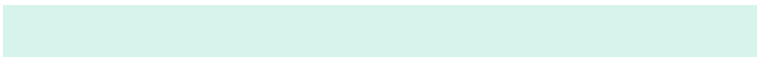
The Sweet Spot groups the original color and five complimentary colors.



73.7572, 0.2940, 0.3066



93.5118, 0.3066, 0.3218



85.1664, 0.2991, 0.3376



19.7609, 0.3055, 0.3204



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.



73.7572, 0.2940, 0.3066



78.5035, 0.2905, 0.3023



70.5044, 0.2981, 0.2982



16.6785, 0.2979, 0.3114



5.9968, 0.1597, 0.0948



0.6931, 0.1663, 0.1187

Inverse Universe

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



73.1249, 0.3285, 0.3207



77.7508, 0.3318, 0.3191



87.7135, 0.3263, 0.3588



16.5584, 0.3250, 0.3224



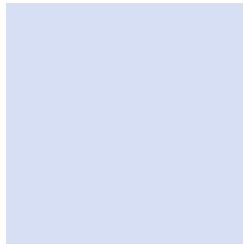
10.7048, 0.5838, 0.2990



0.9576, 0.5484, 0.2795

Previews

White Background



This preview shows how the Yxy color 73.7541, 0.2940, 0.3066 looks on a white background.

Color Contrast Check

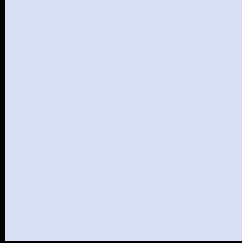
Large Text (above 18pt) WCAG AA × Fail

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 73.7541, 0.2940, 0.3066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

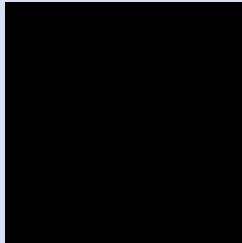
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

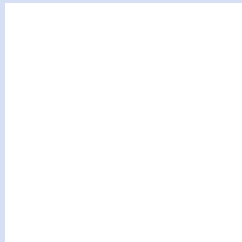
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.7541, 0.2940, 0.3066

Background



This preview shows how black text looks on a background with the Yxy color 73.7541, 0.2940, 0.3066.



This preview shows how white text looks on a background with the Yxy color 73.7541, 0.2940, 0.3066.

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

73.7541, 0.2940, 0.3066

Protanopia

73.5561, 0.2986, 0.3057

Deuteranopia

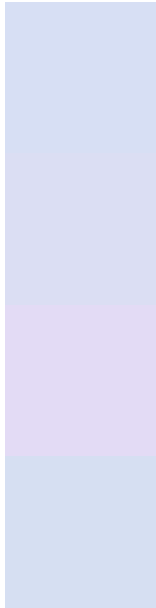
73.7107, 0.3063, 0.3001



Tritanopia

73.4224, 0.2952, 0.3096

Trichromacy



Original Color

73.7541, 0.2940, 0.3066

Protanomaly

73.7737, 0.2973, 0.3067

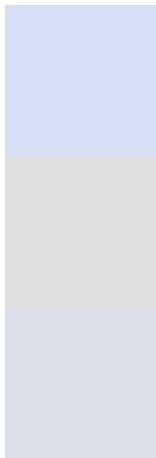
Deuteranomaly

73.5865, 0.3014, 0.3018

Tritanomaly

73.4823, 0.2946, 0.3086

Monochromacy



Original Color

73.7541, 0.2940, 0.3066

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.7605, 0.3055, 0.3204

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.7541, 0.2940, 0.3066 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, 223, 244)` looks like.

```
.text, #text, p{  
    color:rgb(215, 223, 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, 223, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 223, 244) }
```

Border

The CSS property to change the border of an element to Yxy 73.7541, 0.2940, 0.3066 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, 223, 244) }
```

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

```
.border{ border-color:rgb(215, 223, 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, 223, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 223, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 223, 244);  
box-shadow:4px 4px 4px 4px rgb(215, 223,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 73.7541, 0.2940, 0.3066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 223, 244) }
```

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

```
.background{ background-color: rgb(215,  
223, 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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