

Converting Colors

$Yxy(73.3756, 0.2939, 0.3057)$

Have a look what the booklet for
Yxy(73.3756, 0.2939, 0.3057)
contains.

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Color

Yxy(73.2213, 0.2940, 0.3055)

Conversions

Conversions Part 1

Format	Color
Hex	D7DEF4
RGB	215, 222, 244
RGB Percent	84%, 87%, 96%
CMY	0.1570, 0.1293, 0.0432
CMYK	0.12, 0.09, 0.00, 0.04
HSL	225°, 57%, 90%
HSV	225°, 12%, 96%
XYZ	70.4650, 73.2213, 95.9906
YIQ	222.4150, -11.2340, 5.3580

Conversions

Conversions Part 2

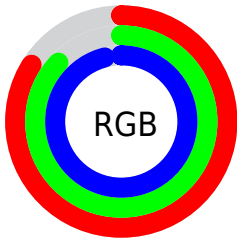
Format	Color
R _Y B	215, 221, 244
Decimal	14147316
CIE Lab	88.55, 1.87, -11.51
CIE LCh	89, 11.659, 279.234
Yxy	73.2213, 0.2940, 0.3055
Android (android.graphics.Color)	4292337396 (0xFFD7DEF4)
YUV	222.4150, 10.6414, -6.5030
Hunter-Lab	85.5694, -2.7547, -6.6121

Details

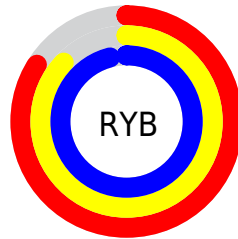
The Yxy color **73.2213, 0.2940, 0.3055** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **84.6639, 0.3314, 0.3515**, and the grayscale version is **73.2829, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.7419, 0.2894, 0.2998** is the 20% darker color. If you saturate the color by 10%, you get **60.5214, 0.2768, 0.2830**, and if you desaturate by 10%, it is **87.5530, 0.3099, 0.3255**.

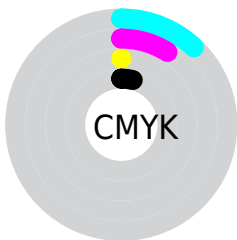
Distribution



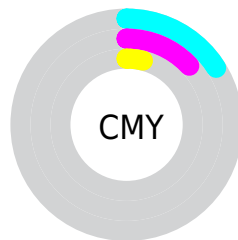
- Red (84%)
- Green (87%)
- Blue (96%)



- 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 73.2213, 0.2940, 0.3055 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 73.2213, 0.2940, 0.3055 by changing the saturation by 10% instead.

■ 73.2213, 0.2940,
0.3055

■ 73.2213, 0.2940,
0.3055

471.7814, 0.3026,
0.3163

■ 54.1569, 0.2920,
0.3031

123.7913, 0.2970,
0.3092

■ 38.7271, 0.2896,
0.3001

156.0658, 0.2982,
0.3107

■ 26.5475, 0.2865,
0.2963

193.5124, 0.2992,
0.3119

■ 17.2337, 0.2825,
0.2913

236.5155, 0.3000,
0.3130

■ 10.4013, 0.2771,
0.2847

285.4596, 0.3008,
0.3140

■ 5.6658, 0.2693,
0.2752

340.7290, 0.3015,

■ 2.6430, 0.2572,

0.3148

0.2607

402.7082, 0.3021,
0.3156

■ 0.9483, 0.2362,
0.2357

■ 0.0000, 0.0000,
0.0000

■ 73.2213, 0.2940,
0.3055

■ 73.2213, 0.2940,
0.3055

■ 60.5214, 0.2768,
0.2830

■ 87.5530, 0.3099,
0.3255

■ 49.3854, 0.2585,
0.2581

■ 99.3105, 0.3191,
0.3396

■ 39.7538, 0.2394,
0.2311

■ 31.5600, 0.2204,
0.2026

■ 24.7319, 0.2022,
0.1738

■ 19.1909, 0.1858,
0.1458

■ 14.8495, 0.1723,
0.1203

■ 11.6077, 0.1624,
0.0988

■ 9.6862, 0.1569,
0.0849

Harmonies

Analogous

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



73.2213, 0.2869, 0.3103



73.2213, 0.2940, 0.3055



73.2213, 0.3062, 0.3069

Triad

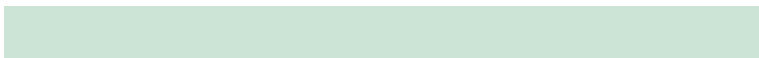
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.2213, 0.2940, 0.3055



73.2213, 0.3397, 0.3368



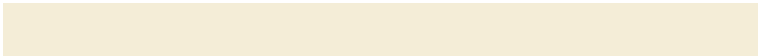
73.2213, 0.3047, 0.3450

Complementary

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



73.2213, 0.2940, 0.3055



84.6639, 0.3314, 0.3515

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.



73.2213, 0.3188, 0.3524



73.2213, 0.2940, 0.3055



73.2213, 0.3392, 0.3472

Square

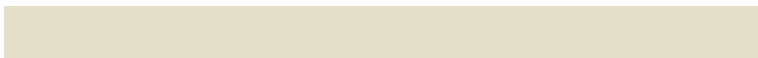
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.2213, 0.2940, 0.3055



73.2213, 0.3328, 0.3246



73.2213, 0.3315, 0.3531



73.2213, 0.2929, 0.3330

Rectangle

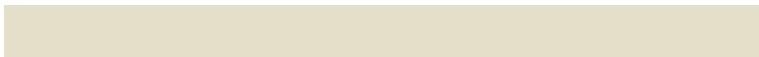
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.2213, 0.2940, 0.3055



73.2213, 0.3157, 0.3110



73.2213, 0.3315, 0.3531



73.2213, 0.3093, 0.3481

Sweetspot

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



73.2244, 0.2940, 0.3055



93.2881, 0.3066, 0.3215



85.2306, 0.2986, 0.3366



19.7044, 0.3055, 0.3200



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.



73.2244, 0.2940, 0.3055



77.7984, 0.2904, 0.3009



70.6803, 0.2988, 0.2983



16.5804, 0.2979, 0.3105



5.4453, 0.1576, 0.0873



0.6329, 0.1640, 0.1103

Inverse Universe

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



73.0896, 0.3292, 0.3218



77.6796, 0.3326, 0.3204



87.5521, 0.3256, 0.3589



16.5485, 0.3255, 0.3233



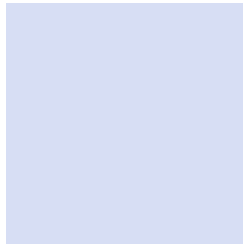
10.6491, 0.5953, 0.3053



0.9515, 0.5605, 0.2862

Previews

White Background



This preview shows how the Yxy color 73.2213, 0.2940, 0.3055 looks on a white background.

Color Contrast Check

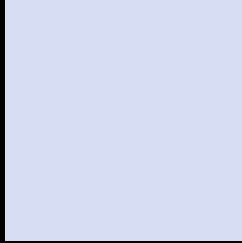
Large Text (above 18pt) WCAG AA × Fail

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 73.2213, 0.2940, 0.3055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

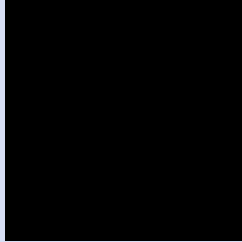
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.2213, 0.2940, 0.3055

Background



This preview shows how black text looks on a background with the Yxy color 73.2213, 0.2940, 0.3055.

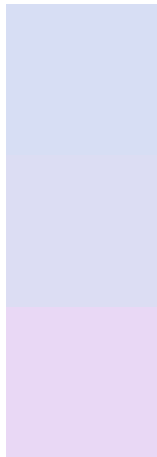


This preview shows how white text looks on a background with the Yxy color 73.2213, 0.2940, 0.3055.

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

73.2213, 0.2940, 0.3055

Protanopia

73.3996, 0.2979, 0.3057

Deuteranopia

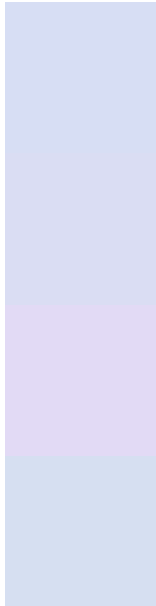
73.0279, 0.3056, 0.2990



Tritanopia

73.3628, 0.2958, 0.3107

Trichromacy



Original Color

73.2213, 0.2940, 0.3055

Protanomaly

73.0894, 0.2966, 0.3056

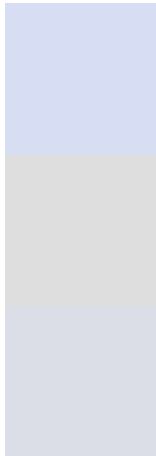
Deuteranomaly

72.9041, 0.3008, 0.3007

Tritanomaly

73.4224, 0.2952, 0.3096

Monochromacy



Original Color

73.2213, 0.2940, 0.3055

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.0158, 0.3054, 0.3204

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.2213, 0.2940, 0.3055 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, 222, 244)` looks like.

```
.text, #text, p{  
    color:rgb(215, 222, 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, 222, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 222, 244) }
```

Border

The CSS property to change the border of an element to Yxy 73.2213, 0.2940, 0.3055 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, 222, 244) }
```

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

```
.border{ border-color:rgb(215, 222, 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, 222, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 222, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 222, 244);  
box-shadow:4px 4px 4px 4px rgb(215, 222,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 73.2213, 0.2940, 0.3055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 222, 244) }
```

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

```
.background{ background-color: rgb(215,  
222, 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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