

Converting Colors

$Yxy(71.8314, 0.2942, 0.3055)$

Have a look what the booklet for
Yxy(71.8314, 0.2942, 0.3055)
contains.

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Color

Yxy(71.7433, 0.2939, 0.3053)

Conversions

Conversions Part 1

Format	Color
Hex	D5DCF2
RGB	213, 220, 242
RGB Percent	84%, 86%, 95%
CMY	0.1646, 0.1373, 0.0511
CMYK	0.12, 0.09, 0.00, 0.05
HSL	226°, 53%, 89%
HSV	226°, 12%, 95%
XYZ	69.0644, 71.7433, 94.1851
YIQ	220.4150, -11.2340, 5.3580

Conversions

Conversions Part 2

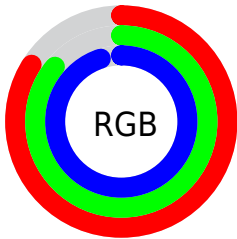
Format	Color
R _Y B	213, 219, 242
Decimal	14015730
CIE Lab	87.84, 1.91, -11.52
CIE LCh	88, 11.676, 279.392
Yxy	71.7433, 0.2939, 0.3053
Android (android.graphics.Color)	4292205810 (0xFFD5DCF2)
YUV	220.4150, 10.6414, -6.5030
Hunter-Lab	84.7014, -2.6810, -6.6375

Details

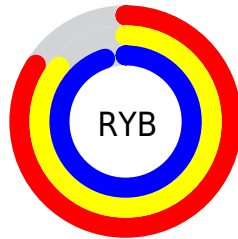
The Yxy color $71.7433, 0.2939, 0.3053$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $83.0979, 0.3315, 0.3516$, and the grayscale version is $71.8096, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $37.7245, 0.2891, 0.2995$ is the 20% darker color. If you saturate the color by 10%, you get $59.2720, 0.2767, 0.2827$, and if you desaturate by 10%, it is $85.8205, 0.3098, 0.3254$.

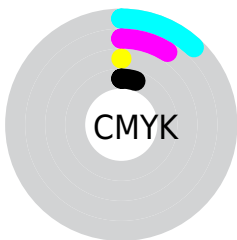
Distribution



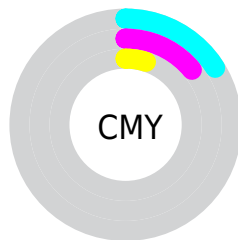
- Red (84%)
- Green (86%)
- Blue (95%)



- Red (84%)
- Yellow (86%)
- Blue (95%)



- Cyan (12%)
- Magenta (9%)
- Yellow (0%)
- Black (5%)



- Cyan (16%)
- Magenta (14%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.7433, 0.2939, 0.3053 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 71.7433, 0.2939, 0.3053 by changing the saturation by 10% instead.

■ 71.7433, 0.2939,
0.3053

■ 71.7433, 0.2939,
0.3053

466.6476, 0.3026,
0.3162

■ 52.9490, 0.2919,
0.3028

121.6915, 0.2969,
0.3091

■ 37.7621, 0.2894,
0.2998

153.6142, 0.2981,
0.3106

■ 25.7981, 0.2863,
0.2959

190.6818, 0.2991,
0.3118

■ 16.6726, 0.2822,
0.2909

233.2788, 0.3000,
0.3129

■ 10.0014, 0.2767,
0.2840

281.7894, 0.3008,
0.3139

■ 5.3999, 0.2687,
0.2743

336.5982, 0.3015,

■ 2.4837, 0.2562,

0.3148

0.2592

398.0895, 0.3021,
0.3155

0.8685, 0.2342,
0.2331

0.0000, 0.0000,
0.0000

71.7433, 0.2939,
0.3053

71.7433, 0.2939,
0.3053

59.2720, 0.2767,
0.2827

85.8205, 0.3098,
0.3254

48.3398, 0.2583,
0.2577

99.1888, 0.3203,
0.3415

38.8881, 0.2393,
0.2307

30.8510, 0.2202,
0.2021

■ 24.1577, 0.2020,
0.1732

■ 18.7305, 0.1856,
0.1452

■ 14.4832, 0.1721,
0.1197

■ 11.3170, 0.1622,
0.0983

■ 9.4570, 0.1568,
0.0845

Harmonies

Analogous

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



71.7433, 0.2867, 0.3101



71.7433, 0.2939, 0.3053



71.7433, 0.3062, 0.3067

Triad

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



71.7433, 0.2939, 0.3053



71.7433, 0.3400, 0.3369



71.7433, 0.3045, 0.3451

Complementary

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



71.7433, 0.2939, 0.3053



83.0979, 0.3315, 0.3516

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.



71.7433, 0.3187, 0.3526



71.7433, 0.2939, 0.3053



71.7433, 0.3394, 0.3474

Square

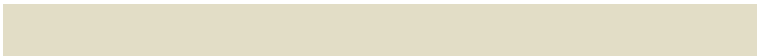
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.7433, 0.2939, 0.3053



71.7433, 0.3330, 0.3247



71.7433, 0.3316, 0.3533



71.7433, 0.2927, 0.3330

Rectangle

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



71.7433, 0.2939, 0.3053



71.7433, 0.3158, 0.3109



71.7433, 0.3316, 0.3533



71.7433, 0.3092, 0.3482

Sweetspot

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



71.7463, 0.2939, 0.3053



93.2736, 0.3066, 0.3214



83.6193, 0.2985, 0.3366



19.7008, 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.



71.7463, 0.2939, 0.3053



77.7527, 0.2904, 0.3008



69.2744, 0.2987, 0.2981



15.8462, 0.2980, 0.3105



5.2584, 0.1575, 0.0870



0.5872, 0.1643, 0.1113

Inverse Universe

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



71.6463, 0.3293, 0.3218



77.6750, 0.3327, 0.3205



85.9078, 0.3257, 0.3590



15.8212, 0.3255, 0.3233



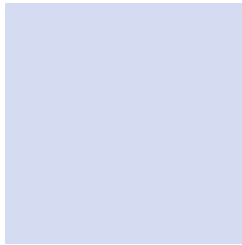
10.3242, 0.5958, 0.3056



0.8740, 0.5591, 0.2854

Previews

White Background



This preview shows how the Yxy color 71.7433, 0.2939, 0.3053 looks on a white background.

Color Contrast Check

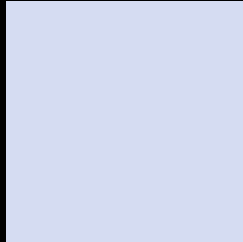
Large Text (above 18pt) WCAG AA × Fail

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 71.7433, 0.2939, 0.3053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

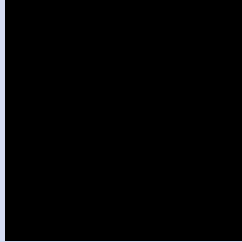
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

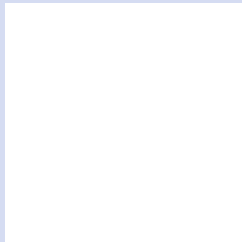
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.7433, 0.2939, 0.3053

Background



This preview shows how black text looks on a background with the Yxy color 71.7433, 0.2939, 0.3053.



This preview shows how white text looks on a background with the Yxy color 71.7433, 0.2939, 0.3053.

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

71.7433, 0.2939, 0.3053

Protanopia

71.9193, 0.2978, 0.3055

Deuteranopia

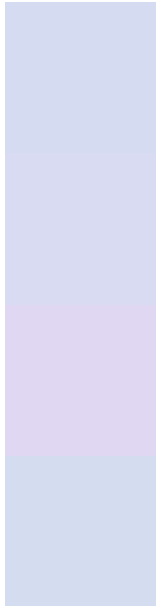
71.5531, 0.3056, 0.2988



Tritanopia

71.8830, 0.2957, 0.3105

Trichromacy



Original Color

71.7433, 0.2939, 0.3053

Protanomaly

71.6128, 0.2965, 0.3054

Deuteranomaly

71.4301, 0.3007, 0.3005

Tritanomaly

71.9419, 0.2950, 0.3095

Monochromacy



Original Color

71.7433, 0.2939, 0.3053

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.5395, 0.3054, 0.3203

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.7433, 0.2939, 0.3053 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(213, 220, 242)` looks like.

```
.text, #text, p{  
    color:rgb(213, 220, 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(213, 220, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 220, 242) }
```

Border

The CSS property to change the border of an element to Yxy 71.7433, 0.2939, 0.3053 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(213, 220, 242) }
```

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

```
.border{ border-color:rgb(213, 220, 242) }
```

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

Here you see how a box with a 4 pixel rgb(213, 220, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 220, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 220, 242);  
box-shadow:4px 4px 4px 4px rgb(213, 220,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 71.7433, 0.2939, 0.3053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 220, 242) }
```

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

```
.background{ background-color: rgb(213,  
220, 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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