

Converting Colors

Yxy(53.4346, 0.2683, 0.2711)

Have a look what the booklet for
Yxy(53.4346, 0.2683, 0.2711)
contains.

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Color

Yxy(53.3973, 0.2683, 0.2711)

Conversions

Conversions Part 1

Format	Color
Hex	B1C0F1
RGB	177, 192, 241
RGB Percent	69%, 75%, 95%
CMY	0.3061, 0.2470, 0.0550
CMYK	0.27, 0.20, 0.00, 0.05
HSL	226°, 70%, 82%
HSV	226°, 27%, 95%
XYZ	52.8458, 53.3973, 90.7222
YIQ	193.1010, -24.6690, 12.0590

Conversions

Conversions Part 2

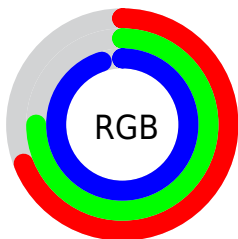
Format	Color
R _Y B	177, 189, 241
Decimal	11649265
CIE Lab	78.11, 5.50, -25.94
CIE LCh	78, 26.518, 281.975
Yxy	53.3973, 0.2683, 0.2711
Android (android.graphics.Color)	4289839345 (0xFFB1C0F1)
YUV	193.1010, 23.6142, -14.1206
Hunter-Lab	73.0735, 1.2104, -22.4584

Details

The Yxy color **53.3973, 0.2683, 0.2711** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **76.2078, 0.3567, 0.3809**, and the grayscale version is **53.2563, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.8472, 0.2999, 0.3220**, and **26.1790, 0.2567, 0.2569** is the 20% darker color. If you saturate the color by 10%, you get **43.2243, 0.2495, 0.2449**, and if you desaturate by 10%, it is **65.0869, 0.2861, 0.2950**.

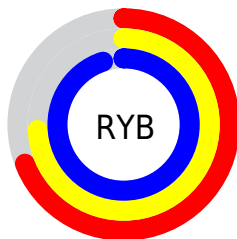
Distribution



Red (69%)

Green (75%)

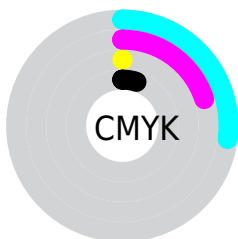
Blue (95%)



Red (69%)

Yellow (74%)

Blue (95%)

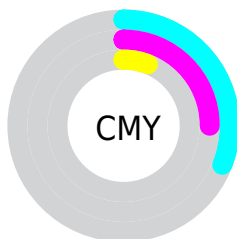


Cyan (27%)

Magenta (20%)

Yellow (0%)

Black (5%)



Cyan (31%)

Magenta (25%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.3973, 0.2683, 0.2711 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 53.3973, 0.2683, 0.2711 by changing the saturation by 10% instead.

■ 53.3973, 0.2683,
0.2711

■ 53.3973, 0.2683,
0.2711

■ 399.8075, 0.2898,
0.2986

■ 38.1200, 0.2632,
0.2647

■ 95.1887, 0.2759,
0.2808

■ 26.0759, 0.2568,
0.2567

■ 122.4717, 0.2788,
0.2845

■ 16.8804, 0.2485,
0.2464

■ 154.5253, 0.2813,
0.2877

■ 10.1493, 0.2375,
0.2330

■ 191.7340, 0.2835,
0.2905

■ 5.4980, 0.2221,
0.2145

■ 234.4822, 0.2854,
0.2929

■ 2.5423, 0.1995,
0.1880

■ 283.1543, 0.2870,

■ 0.8978, 0.1638,

0.2950

0.1476

338.1346, 0.2885,
0.2969

0.0000, 0.0000,
0.0000

53.3973, 0.2683,
0.2711

53.3973, 0.2683,
0.2711

43.2243, 0.2495,
0.2449

65.0869, 0.2861,
0.2950

34.4981, 0.2303,
0.2169

78.3465, 0.3026,
0.3163

27.1525, 0.2115,
0.1878

93.2346, 0.3177,
0.3352

21.1134, 0.1939,
0.1590

99.1295, 0.3209,
0.3425

16.2994, 0.1787,
0.1319

■ 12.6189, 0.1668,
0.1081

■ 9.9641, 0.1587,
0.0890

■ 9.2502, 0.1566,
0.0836

Harmonies

Analogous

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



53.3973, 0.2502, 0.2798



53.3973, 0.2683, 0.2711



53.3973, 0.2988, 0.2765

Triad

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



53.3973, 0.2683, 0.2711



53.3973, 0.3825, 0.3490



53.3973, 0.2887, 0.3682

Complementary

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



53.3973, 0.2683, 0.2711



76.2078, 0.3567, 0.3809

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.



53.3973, 0.3235, 0.3892



53.3973, 0.2683, 0.2711



53.3973, 0.3787, 0.3752

Square

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



53.3973, 0.2683, 0.2711



53.3973, 0.3661, 0.3198



53.3973, 0.3567, 0.3909



53.3973, 0.2613, 0.3352

Rectangle

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



53.3973, 0.2683, 0.2711



53.3973, 0.3228, 0.2870



53.3973, 0.3567, 0.3909



53.3973, 0.2999, 0.3771

Sweetspot

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



53.3994, 0.2683, 0.2711



86.7836, 0.3003, 0.3134



77.6728, 0.2823, 0.3472



18.0718, 0.2979, 0.3103



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.



53.3994, 0.2683, 0.2711



54.1191, 0.2580, 0.2569



49.1037, 0.2782, 0.2550



15.8328, 0.2980, 0.3104



5.1885, 0.1572, 0.0860



0.5797, 0.1639, 0.1101

Inverse Universe

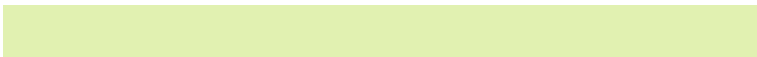
The Inverse Universe completely reimagines the original color for something new.



53.9264, 0.3566, 0.3127



55.1338, 0.3691, 0.3091



82.0723, 0.3415, 0.3980



15.8198, 0.3256, 0.3235



10.3171, 0.5974, 0.3064



0.8732, 0.5608, 0.2863

Previews

White Background



This preview shows how the Yxy color 53.3973, 0.2683, 0.2711 looks on a white background.

Color Contrast Check

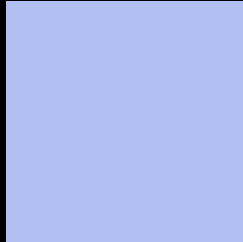
Large Text (above 18pt) WCAG AA × Fail

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 53.3973, 0.2683, 0.2711 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 53.3973, 0.2683, 0.2711

Background



This preview shows how black text looks on a background with the Yxy color 53.3973, 0.2683, 0.2711.



This preview shows how white text looks on a background with the Yxy color 53.3973, 0.2683, 0.2711.

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

53.3973, 0.2683, 0.2711

Protanopia

53.3766, 0.2715, 0.2713

Deuteranopia

53.3708, 0.2743, 0.2675



Tritanopia

53.3945, 0.2822, 0.3089

Trichromacy



Original Color

53.3973, 0.2683, 0.2711

Protanomaly

53.2562, 0.2708, 0.2712

Deuteranomaly

53.3050, 0.2716, 0.2682

Tritanomaly

53.2422, 0.2770, 0.2945

Monochromacy



Original Color

53.3973, 0.2683, 0.2711

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.3579, 0.2957, 0.3082

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3973, 0.2683, 0.2711 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(177, 192, 241)` looks like.

```
.text, #text, p{  
    color:rgb(177, 192, 241)  
}
```

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(177, 192, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 192, 241) }
```

Border

The CSS property to change the border of an element to Yxy 53.3973, 0.2683, 0.2711 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(177, 192, 241) }
```

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

```
.border{ border-color:rgb(177, 192, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 192, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 192, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 192, 241);  
box-shadow:4px 4px 4px 4px rgb(177, 192,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3973, 0.2683, 0.2711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 192, 241) }
```

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

```
.background{ background-color: rgb(177,  
192, 241) }
```

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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