

Converting Colors

Yxy(53.9554, 0.2749, 0.2850)

Have a look what the booklet for
Yxy(53.9554, 0.2749, 0.2850)
contains.

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Color

Yxy(53.7002, 0.2746, 0.2845)

Conversions

Conversions Part 1

Format	Color
Hex	B1C2E7
RGB	177, 194, 231
RGB Percent	69%, 76%, 91%
CMY	0.3062, 0.2391, 0.0942
CMYK	0.23, 0.16, 0.00, 0.09
HSL	221°, 53%, 80%
HSV	221°, 23%, 91%
XYZ	51.8315, 53.7002, 83.2212
YIQ	193.1350, -22.0090, 7.9030

Conversions

Conversions Part 2

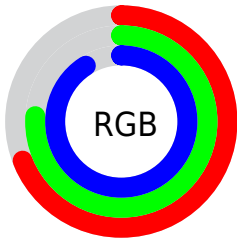
Format	Color
R _Y B	177, 190, 231
Decimal	11649767
CIE Lab	78.29, 2.09, -20.30
CIE LCh	78, 20.405, 275.876
Yxy	53.7002, 0.2746, 0.2845
Android (android.graphics.Color)	4289839847 (0xFFB1C2E7)
YUV	193.1350, 18.6674, -14.1504
Hunter-Lab	73.2804, -1.9869, -16.0366

Details

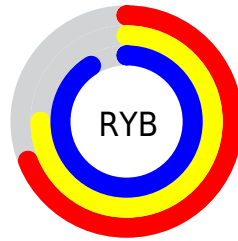
The Yxy color **53.7002, 0.2746, 0.2845** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **68.1892, 0.3520, 0.3698**, and the grayscale version is **53.3036, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.9149, 0.2993, 0.3240**, and **26.3559, 0.2647, 0.2743** is the 20% darker color. If you saturate the color by 10%, you get **44.5566, 0.2568, 0.2619**, and if you desaturate by 10%, it is **64.0540, 0.2916, 0.3050**.

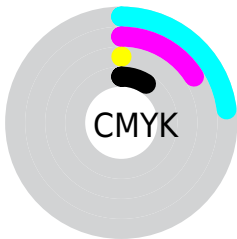
Distribution



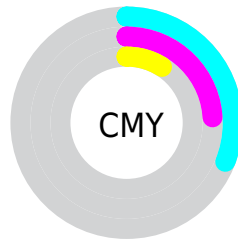
- Red (69%)
- Green (76%)
- Blue (91%)



- Red (69%)
- Yellow (75%)
- Blue (91%)



- Cyan (23%)
- Magenta (16%)
- Yellow (0%)
- Black (9%)



- Cyan (31%)
- Magenta (24%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.7002, 0.2746, 0.2845 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 53.7002, 0.2746, 0.2845 by changing the saturation by 10% instead.

■ 53.7002, 0.2746,
0.2845

■ 53.7002, 0.2746,
0.2845

400.9657, 0.2930,
0.3059

■ 38.3620, 0.2702,
0.2794

■ 95.6339, 0.2812,
0.2921

■ 26.2638, 0.2647,
0.2731

122.9982, 0.2837,
0.2950

■ 17.0211, 0.2575,
0.2649

155.1401, 0.2858,
0.2975

■ 10.2495, 0.2479,
0.2539

192.4438, 0.2876,
0.2996

■ 5.5647, 0.2343,
0.2386

235.2939, 0.2893,
0.3015

■ 2.5823, 0.2141,
0.2159

284.0746, 0.2907,

■ 0.9178, 0.1810,

0.3031

0.1795

339.1704, 0.2919,
0.3046

0.0000, 0.0000,
0.0000

53.7002, 0.2746,
0.2845

53.7002, 0.2746,
0.2845

44.5566, 0.2568,
0.2619

64.0540, 0.2916,
0.3050

36.5705, 0.2385,
0.2374

75.6551, 0.3076,
0.3233

29.6943, 0.2205,
0.2116

88.5472, 0.3223,
0.3394

23.8747, 0.2034,
0.1852

98.5486, 0.3268,
0.3523

19.0533, 0.1882,
0.1592

■ 15.1650, 0.1755,
0.1350

■ 12.1348, 0.1661,
0.1135

■ 10.5443, 0.1615,
0.1013

Harmonies

Analogous

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



53.7002, 0.2626, 0.2941



53.7002, 0.2746, 0.2845



53.7002, 0.2969, 0.2863

Triad

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



53.7002, 0.2746, 0.2845



53.7002, 0.3647, 0.3405



53.7002, 0.2997, 0.3629

Complementary

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



53.7002, 0.2746, 0.2845



68.1892, 0.3520, 0.3698

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.



53.7002, 0.3269, 0.3762



53.7002, 0.2746, 0.2845



53.7002, 0.3652, 0.3615

Square

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



53.7002, 0.2746, 0.2845



53.7002, 0.3495, 0.3177



53.7002, 0.3511, 0.3751



53.7002, 0.2766, 0.3394

Rectangle

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



53.7002, 0.2746, 0.2845



53.7002, 0.3150, 0.2933



53.7002, 0.3511, 0.3751



53.7002, 0.3086, 0.3688

Sweetspot

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



53.7024, 0.2746, 0.2845



89.2305, 0.3019, 0.3169



71.3285, 0.2878, 0.3491



18.9082, 0.3009, 0.3158



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.



53.7024, 0.2746, 0.2845



61.5954, 0.2662, 0.2740



47.7264, 0.2803, 0.2645



14.6276, 0.2981, 0.3125



6.1092, 0.1623, 0.1041



0.6136, 0.1703, 0.1332

Inverse Universe

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



52.2963, 0.3460, 0.3099



59.8405, 0.3549, 0.3058



75.6970, 0.3407, 0.3888



14.4428, 0.3243, 0.3216



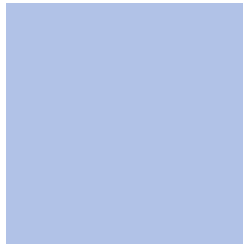
9.8144, 0.5697, 0.2912



0.7416, 0.5283, 0.2684

Previews

White Background



This preview shows how the Yxy color 53.7002, 0.2746, 0.2845 looks on a white background.

Color Contrast Check

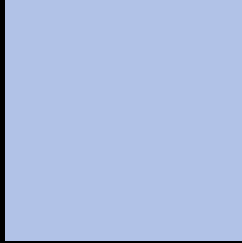
Large Text (above 18pt) WCAG AA × Fail

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 53.7002, 0.2746, 0.2845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

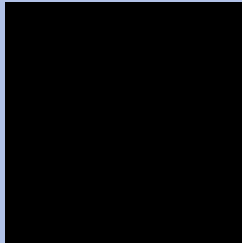
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.7002, 0.2746, 0.2845

Background



This preview shows how black text looks on a background with the Yxy color 53.7002, 0.2746, 0.2845.



This preview shows how white text looks on a background with the Yxy color 53.7002, 0.2746, 0.2845.

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

53.7002, 0.2746, 0.2845

Protanopia

53.7955, 0.2821, 0.2850

Deuteranopia

53.5588, 0.2850, 0.2788



Tritanopia

53.6208, 0.2836, 0.3090

Trichromacy



Original Color

53.7002, 0.2746, 0.2845

Protanomaly

53.9204, 0.2794, 0.2849

Deuteranomaly

53.6526, 0.2808, 0.2806

Tritanomaly

53.6458, 0.2797, 0.2994

Monochromacy



Original Color

53.7002, 0.2746, 0.2845

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.2097, 0.2978, 0.3118

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7002, 0.2746, 0.2845 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, 194, 231)` looks like.

```
.text, #text, p{  
    color:rgb(177, 194, 231)  
}
```

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, 194, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 194, 231) }
```

Border

The CSS property to change the border of an element to Yxy 53.7002, 0.2746, 0.2845 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, 194, 231) }
```

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

```
.border{ border-color:rgb(177, 194, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 194, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 194, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 194, 231);  
box-shadow:4px 4px 4px 4px rgb(177, 194,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7002, 0.2746, 0.2845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 194, 231) }
```

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

```
.background{ background-color: rgb(177,  
194, 231) }
```

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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