

Converting Colors

$Yxy(53.3877, 0.2727, 0.2821)$

Have a look what the booklet for
Yxy(53.3877, 0.2727, 0.2821)
contains.

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Color

Yxy(53.6399, 0.2733, 0.2833)

Conversions

Conversions Part 1

Format	Color
Hex	B0C2E8
RGB	176, 194, 232
RGB Percent	69%, 76%, 91%
CMY	0.3101, 0.2391, 0.0903
CMYK	0.24, 0.16, 0.00, 0.09
HSL	221°, 55%, 80%
HSV	221°, 24%, 91%
XYZ	51.7465, 53.6399, 83.9532
YIQ	192.9500, -22.9260, 8.0020

Conversions

Conversions Part 2

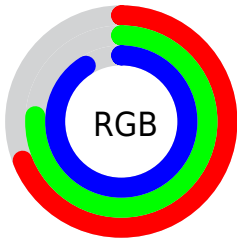
Format	Color
R_{YB}	176, 190, 232
Decimal	11584232
CIE Lab	78.25, 2.02, -20.89
CIE LCh	78, 20.991, 275.516
Yxy	53.6399, 0.2733, 0.2833
Android (android.graphics.Color)	4289774312 (0xFFB0C2E8)
YUV	192.9500, 19.2516, -14.8652
Hunter-Lab	73.2393, -2.0512, -16.6958

Details

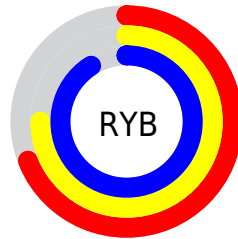
The Yxy color **53.6399, 0.2733, 0.2833** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **68.3157, 0.3535, 0.3708**, and the grayscale version is **53.1865, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.7470, 0.2987, 0.3240**, and **26.3219, 0.2630, 0.2727** is the 20% darker color. If you saturate the color by 10%, you get **44.5391, 0.2555, 0.2608**, and if you desaturate by 10%, it is **63.9460, 0.2904, 0.3037**.

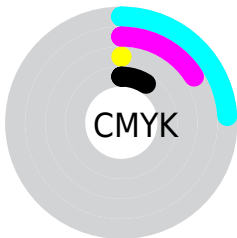
Distribution



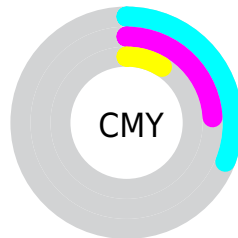
- Red (69%)
- Green (76%)
- Blue (91%)



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



- Cyan (24%)
- Magenta (16%)
- Yellow (0%)
- Black (9%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.6399, 0.2733, 0.2833 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 53.6399, 0.2733, 0.2833 by changing the saturation by 10% instead.

■ 53.6399, 0.2733,
0.2833

■ 53.6399, 0.2733,
0.2833

400.7353, 0.2924,
0.3053

■ 38.3138, 0.2688,
0.2781

■ 95.5453, 0.2801,
0.2911

■ 26.2264, 0.2630,
0.2716

122.8935, 0.2827,
0.2941

■ 16.9931, 0.2556,
0.2632

155.0178, 0.2849,
0.2966

■ 10.2295, 0.2457,
0.2520

192.3026, 0.2868,
0.2988

■ 5.5514, 0.2318,
0.2363

235.1324, 0.2884,
0.3007

■ 2.5743, 0.2110,
0.2131

283.8915, 0.2899,

■ 0.9138, 0.1772,

0.3024

0.1761

338.9644, 0.2912,
0.3039

0.0000, 0.0000,
0.0000

53.6399, 0.2733,
0.2833

53.6399, 0.2733,
0.2833

44.5391, 0.2555,
0.2608

63.9460, 0.2904,
0.3037

36.5909, 0.2373,
0.2364

75.4946, 0.3064,
0.3220

29.7478, 0.2194,
0.2108

88.3293, 0.3212,
0.3382

23.9562, 0.2025,
0.1846

98.6050, 0.3262,
0.3513

19.1576, 0.1875,
0.1589

■ 15.2866, 0.1751,
0.1348

■ 12.2674, 0.1660,
0.1137

■ 10.8447, 0.1619,
0.1029

Harmonies

Analogous

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



53.6399, 0.2612, 0.2932



53.6399, 0.2733, 0.2833



53.6399, 0.2961, 0.2850

Triad

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



53.6399, 0.2733, 0.2833



53.6399, 0.3662, 0.3405



53.6399, 0.2996, 0.3642

Complementary

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



53.6399, 0.2733, 0.2833



68.3157, 0.3535, 0.3708

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.



53.6399, 0.3276, 0.3777



53.6399, 0.2733, 0.2833



53.6399, 0.3668, 0.3622

Square

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



53.6399, 0.2733, 0.2833



53.6399, 0.3503, 0.3171



53.6399, 0.3524, 0.3764



53.6399, 0.2758, 0.3400

Rectangle

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



53.6399, 0.2733, 0.2833



53.6399, 0.3147, 0.2922



53.6399, 0.3524, 0.3764



53.6399, 0.3088, 0.3702

Sweetspot

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



53.6421, 0.2733, 0.2833



89.3001, 0.3019, 0.3170



71.7418, 0.2876, 0.3509



18.9243, 0.3009, 0.3159



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.



53.6421, 0.2733, 0.2833



60.6786, 0.2645, 0.2723



47.1948, 0.2784, 0.2620



14.6432, 0.2981, 0.3126



6.2244, 0.1627, 0.1057



0.6236, 0.1708, 0.1349

Inverse Universe

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



52.0705, 0.3471, 0.3088



58.7324, 0.3565, 0.3044



76.4631, 0.3423, 0.3907



14.4443, 0.3242, 0.3214



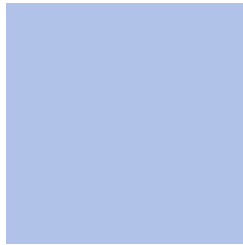
9.8261, 0.5673, 0.2899



0.7426, 0.5260, 0.2671

Previews

White Background



This preview shows how the Yxy color 53.6399, 0.2733, 0.2833 looks on a white background.

Color Contrast Check

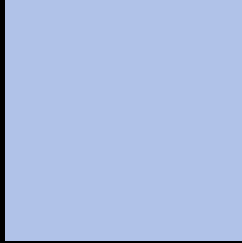
Large Text (above 18pt) WCAG AA × Fail

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 53.6399, 0.2733, 0.2833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

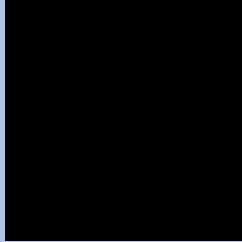
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

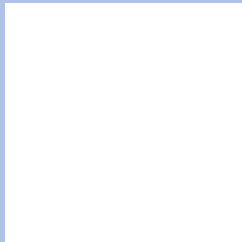
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.6399, 0.2733, 0.2833

Background



This preview shows how black text looks on a background with the Yxy color 53.6399, 0.2733, 0.2833.



This preview shows how white text looks on a background with the Yxy color 53.6399, 0.2733, 0.2833.

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

53.6399, 0.2733, 0.2833

Protanopia

53.7267, 0.2807, 0.2838

Deuteranopia

53.4849, 0.2836, 0.2776



Tritanopia

53.5073, 0.2829, 0.3089

Trichromacy



Original Color

53.6399, 0.2733, 0.2833

Protanomaly

53.8545, 0.2780, 0.2837

Deuteranomaly

53.5839, 0.2794, 0.2794

Tritanomaly

53.5314, 0.2790, 0.2993

Monochromacy



Original Color

53.6399, 0.2733, 0.2833

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 53.6399, 0.2733, 0.2833 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(176, 194, 232)` looks like.

```
.text, #text, p{  
    color:rgb(176, 194, 232)  
}
```

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(176, 194, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 194, 232) }
```

Border

The CSS property to change the border of an element to Yxy 53.6399, 0.2733, 0.2833 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(176, 194, 232) }
```

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

```
.border{ border-color:rgb(176, 194, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 194, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 194, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 194, 232);  
box-shadow:4px 4px 4px 4px rgb(176, 194,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6399, 0.2733, 0.2833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 194, 232) }
```

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

```
.background{ background-color: rgb(176,  
194, 232) }
```

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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