

Converting Colors

$Yxy(53.2891, 0.2674, 0.2775)$

Have a look what the booklet for
Yxy(53.2891, 0.2674, 0.2775)
contains.

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Color

Yxy(53.3559, 0.2670, 0.2773)

Conversions

Conversions Part 1

Format	Color
Hex	ABC2ED
RGB	171, 194, 237
RGB Percent	67%, 76%, 93%
CMY	0.3293, 0.2392, 0.0707
CMYK	0.28, 0.18, 0.00, 0.07
HSL	219°, 65%, 80%
HSV	219°, 28%, 93%
XYZ	51.3741, 53.3559, 87.6822
YIQ	192.0250, -27.5110, 8.4970

Conversions

Conversions Part 2

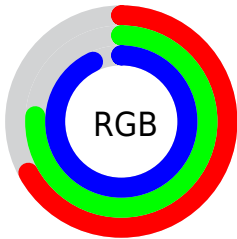
Format	Color
RYB	171, 188, 237
Decimal	11256557
CIELab	78.08, 1.75, -23.86
CIElCh	78, 23.921, 274.205
Yxy	53.3559, 0.2670, 0.2773
Android (android.graphics.Color)	4289446637 (0xFFABC2ED)
YUV	192.0250, 22.1727, -18.4389
Hunter-Lab	73.0451, -2.2864, -20.0392

Details

The Yxy color **53.3559, 0.2670, 0.2773** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **69.0353, 0.3609, 0.3757**, and the grayscale version is **52.6119, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9221, 0.2957, 0.3239**, and **26.1679, 0.2551, 0.2648** is the 20% darker color. If you saturate the color by 10%, you get **44.4095, 0.2492, 0.2549**, and if you desaturate by 10%, it is **63.4980, 0.2843, 0.2977**.

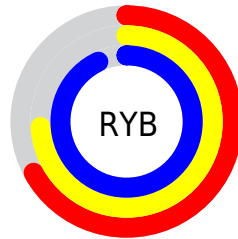
Distribution



Red (67%)

Green (76%)

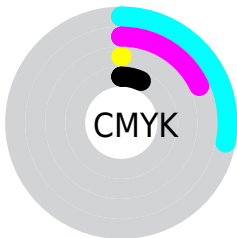
Blue (93%)



Red (67%)

Yellow (74%)

Blue (93%)

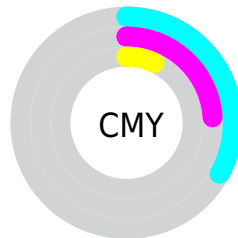


Cyan (28%)

Magenta (18%)

Yellow (0%)

Black (7%)



Cyan (33%)

Magenta (24%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.3559, 0.2670, 0.2773 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 53.3559, 0.2670, 0.2773 by changing the saturation by 10% instead.

■ 53.3559, 0.2670,
0.2773

■ 53.3559, 0.2670,
0.2773

■ 399.6491, 0.2891,
0.3021

■ 38.0870, 0.2618,
0.2714

■ 95.1279, 0.2748,
0.2861

■ 26.0502, 0.2552,
0.2641

■ 122.3997, 0.2778,
0.2894

■ 16.8612, 0.2467,
0.2547

■ 154.4412, 0.2804,
0.2923

■ 10.1356, 0.2354,
0.2422

■ 191.6369, 0.2826,
0.2948

■ 5.4889, 0.2197,
0.2249

■ 234.3712, 0.2845,
0.2970

■ 2.5369, 0.1966,
0.1996

■ 283.0284, 0.2862,

■ 0.8951, 0.1599,

0.2989

0.1600

337.9929, 0.2877,
0.3006

0.0000, 0.0000,
0.0000

53.3559, 0.2670,
0.2773

53.3559, 0.2670,
0.2773

44.4095, 0.2492,
0.2549

63.4980, 0.2843,
0.2977

36.6053, 0.2313,
0.2310

74.8737, 0.3006,
0.3161

29.8947, 0.2140,
0.2059

87.5273, 0.3160,
0.3324

24.2228, 0.1980,
0.1806

98.8922, 0.3232,
0.3464

19.5288, 0.1841,
0.1559

■ 15.7445, 0.1731,
0.1331

■ 12.7842, 0.1651,
0.1131

■ 12.2265, 0.1637,
0.1091

Harmonies

Analogous

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



53.3559, 0.2540, 0.2889



53.3559, 0.2670, 0.2773



53.3559, 0.2923, 0.2789

Triad

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



53.3559, 0.2670, 0.2773



53.3559, 0.3734, 0.3406



53.3559, 0.2989, 0.3705

Complementary

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



53.3559, 0.2670, 0.2773



69.0353, 0.3609, 0.3757

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.



53.3559, 0.3309, 0.3852



53.3559, 0.2670, 0.2773



53.3559, 0.3749, 0.3655

Square

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



53.3559, 0.2670, 0.2773



53.3559, 0.3546, 0.3143



53.3559, 0.3589, 0.3826



53.3559, 0.2717, 0.3428

Rectangle

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



53.3559, 0.2670, 0.2773



53.3559, 0.3134, 0.2866



53.3559, 0.3589, 0.3826



53.3559, 0.3095, 0.3772

Sweetspot

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



53.3580, 0.2670, 0.2773



88.1427, 0.3003, 0.3157



74.0587, 0.2846, 0.3561



18.4123, 0.2979, 0.3131



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.



53.3580, 0.2670, 0.2773



57.2422, 0.2576, 0.2657



45.0688, 0.2714, 0.2501



15.4069, 0.2980, 0.3132



6.8992, 0.1645, 0.1121



0.7161, 0.1722, 0.1397

Inverse Universe

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



51.0344, 0.3525, 0.3037



54.5066, 0.3628, 0.2987



79.8316, 0.3476, 0.4002



15.1407, 0.3238, 0.3208



10.1893, 0.5580, 0.2848



0.8177, 0.5195, 0.2635

Previews

White Background



This preview shows how the Yxy color 53.3559, 0.2670, 0.2773 looks on a white background.

Color Contrast Check

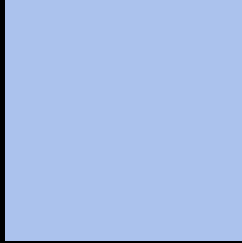
Large Text (above 18pt) WCAG AA × Fail

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 53.3559, 0.2670, 0.2773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

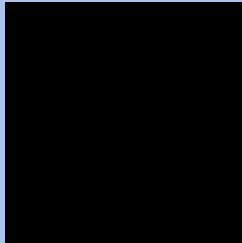
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

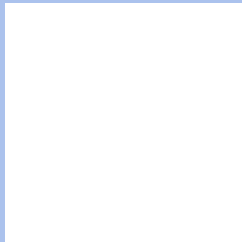
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.3559, 0.2670, 0.2773

Background



This preview shows how black text looks on a background with the Yxy color 53.3559, 0.2670, 0.2773.



This preview shows how white text looks on a background with the Yxy color 53.3559, 0.2670, 0.2773.

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

53.3559, 0.2670, 0.2773

Protanopia

53.3270, 0.2760, 0.2769

Deuteranopia

53.2596, 0.2775, 0.2718



Tritanopia

53.3502, 0.2781, 0.3088

Trichromacy



Original Color

53.3559, 0.2670, 0.2773

Protanomaly

53.3391, 0.2727, 0.2767

Deuteranomaly

53.3797, 0.2735, 0.2736

Tritanomaly

53.5313, 0.2744, 0.2979

Monochromacy



Original Color

53.3559, 0.2670, 0.2773

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.8843, 0.2948, 0.3105

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3559, 0.2670, 0.2773 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(171, 194, 237)` looks like.

```
.text, #text, p{  
    color:rgb(171, 194, 237)  
}
```

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(171, 194, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 194, 237) }
```

Border

The CSS property to change the border of an element to Yxy 53.3559, 0.2670, 0.2773 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(171, 194, 237) }
```

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

```
.border{ border-color:rgb(171, 194, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 194, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 194, 237); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 194, 237); box-shadow:4px 4px 4px 4px rgb(171, 194, 237) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3559, 0.2670, 0.2773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 194, 237) }
```

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

```
.background{ background-color: rgb(171,  
194, 237) }
```

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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