

Converting Colors

$Yxy(53.1876, 0.2440, 0.2896)$

Have a look what the booklet for
Yxy(53.1876, 0.2440, 0.2896)
contains.

Yxy(53.0880, 0.2440, 0.2891)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(53.0880, 0.2440, 0.2891)

Conversions

Conversions Part 1

Format	Color
Hex	7ECBEA
RGB	126, 203, 234
RGB Percent	49%, 80%, 92%
CMY	0.5061, 0.2039, 0.0823
CMYK	0.46, 0.13, 0.00, 0.08
HSL	197°, 72%, 71%
HSV	197°, 46%, 92%
XYZ	44.8062, 53.0880, 85.7378
YIQ	183.5110, -55.8430, -6.6830

Conversions

Conversions Part 2

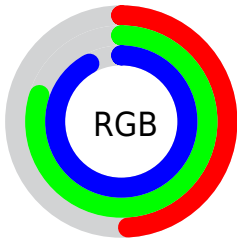
Format	Color
R _{YB}	126, 171, 234
Decimal	8309738
CIE Lab	77.93, -15.72, -22.74
CIE LCh	78, 27.647, 235.348
Yxy	53.0880, 0.2440, 0.2891
Android (android.graphics.Color)	4286499818 (0xFF7ECBEA)
YUV	183.5110, 24.8911, -50.4371
Hunter-Lab	72.8615, -17.7390, -18.7648

Details

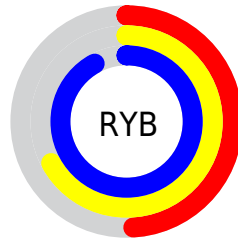
The Yxy color **53.0880, 0.2440, 0.2891** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **43.0956, 0.4207, 0.3644**, and the grayscale version is **47.5272, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.8073, 0.2716, 0.3289**, and **25.9382, 0.2273, 0.2786** is the 20% darker color. If you saturate the color by 10%, you get **48.4124, 0.2315, 0.2787**, and if you desaturate by 10%, it is **58.3209, 0.2578, 0.2990**.

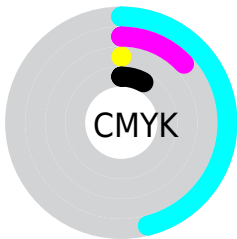
Distribution



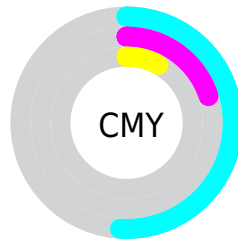
- Red (49%)
- Green (80%)
- Blue (92%)



- Red (49%)
- Yellow (67%)
- Blue (92%)



- Cyan (46%)
- Magenta (13%)
- Yellow (0%)
- Black (8%)



- Cyan (51%)
- Magenta (20%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.0880, 0.2440, 0.2891 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 53.0880, 0.2440, 0.2891 by changing the saturation by 10% instead.

■ 53.0880, 0.2440,
0.2891

■ 53.0880, 0.2440,
0.2891

■ 398.6227, 0.2766,
0.3091

■ 37.8730, 0.2364,
0.2842

■ 94.7338, 0.2555,
0.2963

■ 25.8842, 0.2269,
0.2779

■ 121.9335, 0.2599,
0.2991

■ 16.7370, 0.2149,
0.2697

■ 153.8969, 0.2637,
0.3014

■ 10.0472, 0.1991,
0.2584

■ 191.0083, 0.2670,
0.3034

■ 5.4302, 0.1776,
0.2423

■ 233.6522, 0.2698,
0.3051

■ 2.5018, 0.1471,
0.2178

■ 282.2129, 0.2724,

■ 0.8776, 0.0920,

0.3066

0.1793

337.0750, 0.2746,
0.3079

0.0000, 0.0000,
0.0000

53.0880, 0.2440,
0.2891

53.0880, 0.2440,
0.2891

48.4124, 0.2315,
0.2787

58.3209, 0.2578,
0.2990

44.2570, 0.2205,
0.2680

64.1333, 0.2725,
0.3082

40.5886, 0.2114,
0.2571

70.5534, 0.2877,
0.3168

37.3666, 0.2043,
0.2461

77.6053, 0.3032,
0.3246

34.5408, 0.1992,
0.2354

85.3117, 0.3186,
0.3316

■ 33.5354, 0.1976,
0.2313

■ 91.4773, 0.3261,
0.3381

■ 95.5758, 0.3255,
0.3445

■ 98.7214, 0.3250,
0.3493

Harmonies

Analogous

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



53.0880, 0.2508, 0.3194



53.0880, 0.2440, 0.2891



53.0880, 0.2541, 0.2718

Triad

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



53.0880, 0.2440, 0.2891



53.0880, 0.3517, 0.3037



53.0880, 0.3439, 0.3955

Complementary

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



53.0880, 0.2440, 0.2891



43.0956, 0.4207, 0.3644

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.



53.0880, 0.3733, 0.3863



53.0880, 0.2440, 0.2891



53.0880, 0.3786, 0.3328

Square

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



53.0880, 0.2440, 0.2891



53.0880, 0.3148, 0.2811



53.0880, 0.3865, 0.3627



53.0880, 0.3073, 0.3845

Rectangle

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



53.0880, 0.2440, 0.2891



53.0880, 0.2694, 0.2686



53.0880, 0.3865, 0.3627



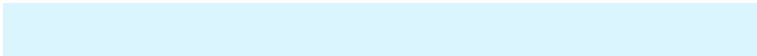
53.0880, 0.3550, 0.3945

Sweetspot

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



53.0900, 0.2440, 0.2891



87.4854, 0.2910, 0.3185



65.7049, 0.2903, 0.4327



18.3422, 0.2876, 0.3167



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.



53.0900, 0.2440, 0.2891



59.3295, 0.2326, 0.2797



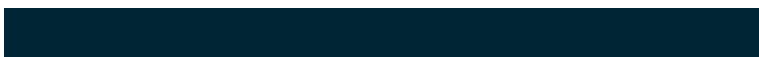
31.9812, 0.2307, 0.2154



16.3493, 0.2981, 0.3221



19.0680, 0.1981, 0.2330



1.6604, 0.2022, 0.2479

Inverse Universe

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



36.7144, 0.3484, 0.2452



38.3588, 0.3582, 0.2306



65.3896, 0.3918, 0.4207



15.2358, 0.3182, 0.3123



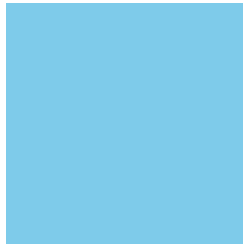
11.4177, 0.4095, 0.2030



0.9130, 0.3944, 0.1946

Previews

White Background



This preview shows how the Yxy color 53.0880, 0.2440, 0.2891 looks on a white background.

Color Contrast Check

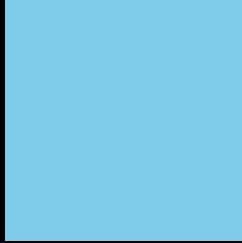
Large Text (above 18pt) WCAG AA × Fail

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 53.0880, 0.2440, 0.2891 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 53.0880, 0.2440, 0.2891

Background



This preview shows how black text looks on a background with the Yxy color 53.0880, 0.2440, 0.2891.



This preview shows how white text looks on a background with the Yxy color 53.0880, 0.2440, 0.2891.

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

53.0880, 0.2440, 0.2891

Protanopia

52.5774, 0.2839, 0.2869

Deuteranopia

52.6457, 0.2773, 0.2716



Tritanopia

53.0741, 0.2485, 0.3064

Trichromacy



Original Color

53.0880, 0.2440, 0.2891

Protanomaly

52.5242, 0.2678, 0.2881

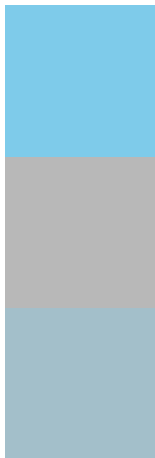
Deuteranomaly

52.1954, 0.2635, 0.2766

Tritanomaly

52.8877, 0.2468, 0.3001

Monochromacy



Original Color

53.0880, 0.2440, 0.2891

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

49.3124, 0.2832, 0.3146

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0880, 0.2440, 0.2891 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(126, 203, 234)` looks like.

```
.text, #text, p{  
    color:rgb(126, 203, 234)  
}
```

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(126, 203, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 203, 234) }
```

Border

The CSS property to change the border of an element to Yxy 53.0880, 0.2440, 0.2891 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(126, 203, 234) }
```

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

```
.border{ border-color:rgb(126, 203, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 203, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 203, 234); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 203, 234); box-shadow:4px 4px 4px 4px rgb(126, 203, 234) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0880, 0.2440, 0.2891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 203, 234) }
```

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

```
.background{ background-color: rgb(126,  
203, 234) }
```

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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