

Converting Colors

Yxy(53.4516, 0.2403, 0.2869)

Have a look what the booklet for
Yxy(53.4516, 0.2403, 0.2869)
contains.

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Color

Yxy(53.3651, 0.2404, 0.2866)

Conversions

Conversions Part 1

Format	Color
Hex	79CCED
RGB	121, 204, 237
RGB Percent	47%, 80%, 93%
CMY	0.5256, 0.2000, 0.0705
CMYK	0.49, 0.14, 0.00, 0.07
HSL	197°, 76%, 70%
HSV	197°, 49%, 93%
XYZ	44.7626, 53.3651, 88.0729
YIQ	182.9450, -60.0610, -7.3330

Conversions

Conversions Part 2

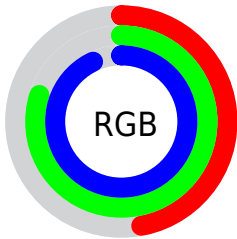
Format	Color
RYB	121, 169, 237
Decimal	7982317
CIELab	78.09, -16.55, -24.12
CIELCh	78, 29.254, 235.549
Yxy	53.3651, 0.2404, 0.2866
Android (android.graphics.Color)	4286172397 (0xFF79CCED)
YUV	182.9450, 26.6491, -54.3258
Hunter-Lab	73.0514, -18.4632, -20.3457

Details

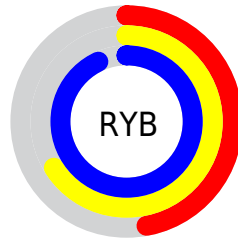
The Yxy color **53.3651, 0.2404, 0.2866** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **42.4932, 0.4302, 0.3661**, and the grayscale version is **47.1963, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.3237, 0.2696, 0.3289**, and **26.1410, 0.2230, 0.2753** is the 20% darker color. If you saturate the color by 10%, you get **48.7242, 0.2283, 0.2762**, and if you desaturate by 10%, it is **58.5693, 0.2539, 0.2965**.

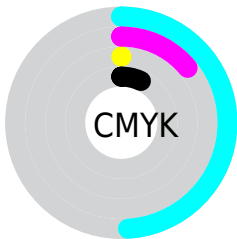
Distribution



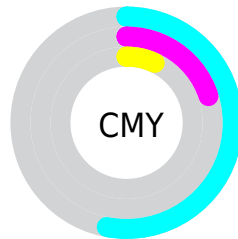
- Red (47%)
- Green (80%)
- Blue (93%)



- Red (47%)
- Yellow (66%)
- Blue (93%)



- Cyan (49%)
- Magenta (14%)
- Yellow (0%)
- Black (7%)



- Cyan (53%)
- Magenta (20%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.3651, 0.2404, 0.2866 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 53.3651, 0.2404, 0.2866 by changing the saturation by 10% instead.

■ 53.3651, 0.2404,
0.2866

■ 53.3651, 0.2404,
0.2866

■ 399.6843, 0.2746,
0.3078

■ 38.0943, 0.2325,
0.2814

■ 95.1414, 0.2524,
0.2943

■ 26.0559, 0.2226,
0.2747

■ 122.4157, 0.2570,
0.2972

■ 16.8655, 0.2101,
0.2661

■ 154.4599, 0.2610,
0.2996

■ 10.1386, 0.1938,
0.2542

■ 191.6585, 0.2645,
0.3017

■ 5.4910, 0.1717,
0.2374

■ 234.3959, 0.2675,
0.3035

■ 2.5381, 0.1407,
0.2119

■ 283.0563, 0.2701,

■ 0.8957, 0.0861,

0.3051

0.1724

338.0244, 0.2725,
0.3066

0.0000, 0.0000,
0.0000

53.3651, 0.2404,
0.2866

53.3651, 0.2404,
0.2866

48.7242, 0.2283,
0.2762

58.5693, 0.2539,
0.2965

44.6075, 0.2179,
0.2655

64.3608, 0.2683,
0.3059

40.9795, 0.2093,
0.2546

70.7688, 0.2834,
0.3146

37.7961, 0.2029,
0.2438

77.8189, 0.2989,
0.3225

34.9913, 0.1983,
0.2332

85.5349, 0.3143,
0.3297

■ 34.7123, 0.1978,
0.2321

■ 92.3537, 0.3241,
0.3363

■ 96.4960, 0.3235,
0.3427

■ 98.8953, 0.3232,
0.3463

Harmonies

Analogous

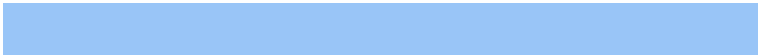
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



53.3651, 0.2474, 0.3185



53.3651, 0.2404, 0.2866



53.3651, 0.2511, 0.2686

Triad

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



53.3651, 0.2404, 0.2866



53.3651, 0.3541, 0.3025



53.3651, 0.3453, 0.3994

Complementary

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



53.3651, 0.2404, 0.2866



42.4932, 0.4302, 0.3661

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.



53.3651, 0.3765, 0.3895



53.3651, 0.2404, 0.2866



53.3651, 0.3825, 0.3331

Square

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



53.3651, 0.2404, 0.2866



53.3651, 0.3151, 0.2787



53.3651, 0.3906, 0.3645



53.3651, 0.3066, 0.3877

Rectangle

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



53.3651, 0.2404, 0.2866



53.3651, 0.2672, 0.2654



53.3651, 0.3906, 0.3645



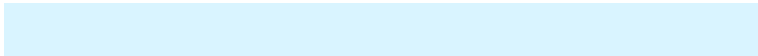
53.3651, 0.3570, 0.3983

Sweetspot

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



53.3671, 0.2404, 0.2866



86.7066, 0.2894, 0.3178



66.9687, 0.2893, 0.4404



18.1893, 0.2862, 0.3160



0.0000, 0.0000, 0.0000



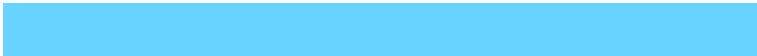
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.3671, 0.2404, 0.2866



57.3842, 0.2280, 0.2759



30.7725, 0.2253, 0.2072



16.3556, 0.2981, 0.3221



19.1834, 0.1983, 0.2338



1.6687, 0.2024, 0.2486

Inverse Universe

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



36.0359, 0.3511, 0.2402



36.0354, 0.3623, 0.2245



66.4108, 0.3969, 0.4259



15.2365, 0.3181, 0.3123



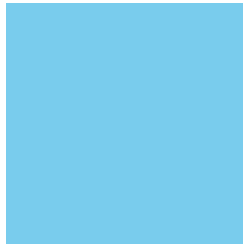
11.4294, 0.4086, 0.2025



0.9139, 0.3936, 0.1942

Previews

White Background



This preview shows how the Yxy color 53.3651, 0.2404, 0.2866 looks on a white background.

Color Contrast Check

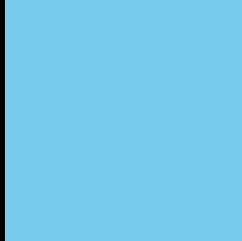
Large Text (above 18pt) WCAG AA × Fail

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 53.3651, 0.2404, 0.2866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

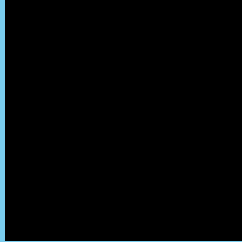
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.3651, 0.2404, 0.2866

Background



This preview shows how black text looks on a background with the Yxy color 53.3651, 0.2404, 0.2866.



This preview shows how white text looks on a background with the Yxy color 53.3651, 0.2404, 0.2866.

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

53.3651, 0.2404, 0.2866

Protanopia

52.7426, 0.2819, 0.2836

Deuteranopia

52.6968, 0.2747, 0.2683



Tritanopia

53.1833, 0.2453, 0.3063

Trichromacy



Original Color

53.3651, 0.2404, 0.2866

Protanomaly

52.4811, 0.2647, 0.2845

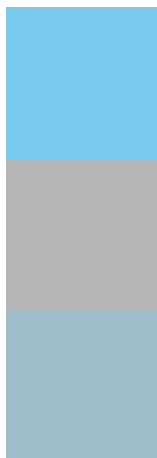
Deuteranomaly

52.4970, 0.2600, 0.2742

Tritanomaly

53.1156, 0.2436, 0.2988

Monochromacy



Original Color

53.3651, 0.2404, 0.2866

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

49.0470, 0.2804, 0.3132

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3651, 0.2404, 0.2866 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(121, 204, 237)` looks like.

```
.text, #text, p{  
    color:rgb(121, 204, 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(121, 204, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 204, 237) }
```

Border

The CSS property to change the border of an element to Yxy 53.3651, 0.2404, 0.2866 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(121, 204, 237) }
```

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

```
.border{ border-color:rgb(121, 204, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 204, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 204, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 204, 237);  
box-shadow:4px 4px 4px 4px rgb(121, 204,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3651, 0.2404, 0.2866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 204, 237) }
```

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

```
.background{ background-color: rgb(121,  
204, 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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