

Converting Colors

$Yxy(44.4172, 0.2402, 0.2861)$

Have a look what the booklet for
Yxy(44.4172, 0.2402, 0.2861)
contains.

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Color

Yxy(44.4604, 0.2402, 0.2861)

Conversions

Conversions Part 1

Format	Color
Hex	6FBCDB
RGB	111, 188, 219
RGB Percent	44%, 74%, 86%
CMY	0.5645, 0.2628, 0.1413
CMYK	0.49, 0.14, 0.00, 0.14
HSL	197°, 60%, 65%
HSV	197°, 49%, 86%
XYZ	37.3275, 44.4604, 73.6137
YIQ	168.5110, -55.8430, -6.6830

Conversions

Conversions Part 2

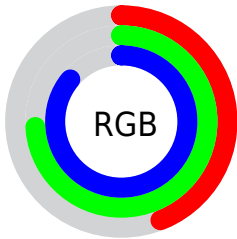
Format	Color
RYB	111, 156, 219
Decimal	7322843
CIELab	72.54, -15.46, -22.89
CIELCh	73, 27.620, 235.961
Yxy	44.4604, 0.2402, 0.2861
Android (android.graphics.Color)	4285512923 (0xFF6FBCDB)
YUV	168.5110, 24.8911, -50.4371
Hunter-Lab	66.6786, -16.7613, -18.7816

Details

The Yxy color **44.4604, 0.2402, 0.2861** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **35.5628, 0.4303, 0.3665**, and the grayscale version is **39.3249, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.2462, 0.2626, 0.3167**, and **20.7121, 0.2211, 0.2737** is the 20% darker color. If you saturate the color by 10%, you get **40.5831, 0.2281, 0.2756**, and if you desaturate by 10%, it is **48.8062, 0.2536, 0.2961**.

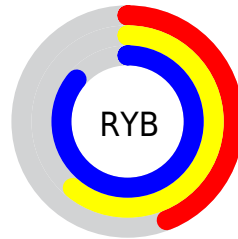
Distribution



Red (44%)

Green (74%)

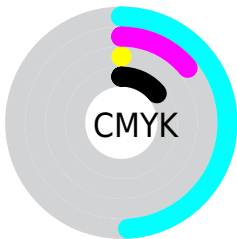
Blue (86%)



Red (44%)

Yellow (61%)

Blue (86%)

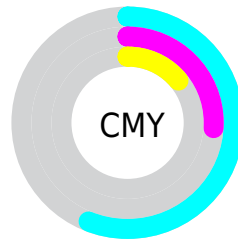


Cyan (49%)

Magenta (14%)

Yellow (0%)

Black (14%)



Cyan (56%)

Magenta (26%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.4604, 0.2402, 0.2861 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 44.4604, 0.2402, 0.2861 by changing the saturation by 10% instead.

■ 44.4604, 0.2402,
0.2861

■ 44.4604, 0.2402,
0.2861

364.5837, 0.2756,
0.3082

■ 31.0326, 0.2317,
0.2805

■ 81.9101, 0.2528,
0.2942

■ 20.6237, 0.2210,
0.2732

■ 106.7008, 0.2577,
0.2973

■ 12.8492, 0.2071,
0.2634

■ 136.0479, 0.2618,
0.2998

■ 7.3248, 0.1886,
0.2498

170.3359, 0.2653,
0.3020

■ 3.6660, 0.1628,
0.2296

209.9490, 0.2684,
0.3039

■ 1.4886, 0.1255,
0.1976

255.2718, 0.2711,

■ 0.2807, 0.0000,

0.3055

0.1111

306.6886, 0.2735,
0.3069

0.0000, 0.0000,
0.0000

44.4604, 0.2402,
0.2861

44.4604, 0.2402,
0.2861

40.5831, 0.2281,
0.2756

48.8062, 0.2536,
0.2961

37.1419, 0.2177,
0.2649

53.6402, 0.2680,
0.3055

34.1076, 0.2092,
0.2540

58.9868, 0.2831,
0.3142

31.4436, 0.2027,
0.2431

64.8670, 0.2984,
0.3222

29.0915, 0.1980,
0.2324

71.3005, 0.3138,
0.3295

■ 28.9292, 0.1977,
0.2316

■ 78.3059, 0.3290,
0.3360

■ 84.0853, 0.3371,
0.3421

■ 87.6877, 0.3363,
0.3482

■ 91.4179, 0.3354,
0.3543

Harmonies

Analogous

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



44.4604, 0.2469, 0.3179



44.4604, 0.2402, 0.2861



44.4604, 0.2511, 0.2683

Triad

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



44.4604, 0.2402, 0.2861



44.4604, 0.3547, 0.3028



44.4604, 0.3449, 0.3997

Complementary

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



44.4604, 0.2402, 0.2861



35.5628, 0.4303, 0.3665

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.



44.4604, 0.3763, 0.3900



44.4604, 0.2402, 0.2861



44.4604, 0.3830, 0.3335

Square

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



44.4604, 0.2402, 0.2861



44.4604, 0.3156, 0.2788



44.4604, 0.3908, 0.3650



44.4604, 0.3060, 0.3876

Rectangle

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



44.4604, 0.2402, 0.2861



44.4604, 0.2675, 0.2652



44.4604, 0.3908, 0.3650



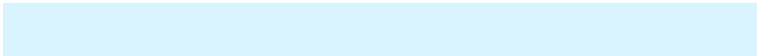
44.4604, 0.3567, 0.3986

Sweetspot

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



44.4621, 0.2402, 0.2861



86.6469, 0.2894, 0.3177



55.9754, 0.2892, 0.4406



18.1748, 0.2862, 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.



44.4621, 0.2402, 0.2861



57.1893, 0.2279, 0.2754



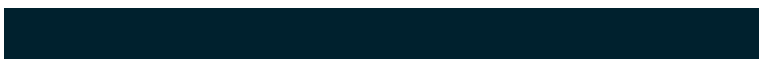
25.6696, 0.2251, 0.2069



14.1651, 0.2982, 0.3221



17.3540, 0.1981, 0.2332



1.2689, 0.2030, 0.2507

Inverse Universe

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



30.0693, 0.3515, 0.2404



36.0157, 0.3628, 0.2249



55.5019, 0.3971, 0.4260



13.2078, 0.3181, 0.3125



10.3757, 0.4093, 0.2028



0.6868, 0.3915, 0.1931

Previews

White Background



This preview shows how the Yxy color 44.4604, 0.2402, 0.2861 looks on a white background.

Color Contrast Check

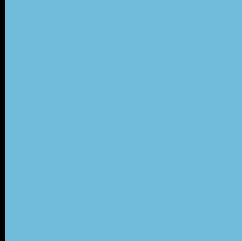
Large Text (above 18pt) WCAG AA × Fail

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 44.4604, 0.2402, 0.2861 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 44.4604, 0.2402, 0.2861

Background



This preview shows how black text looks on a background with the Yxy color 44.4604, 0.2402, 0.2861.

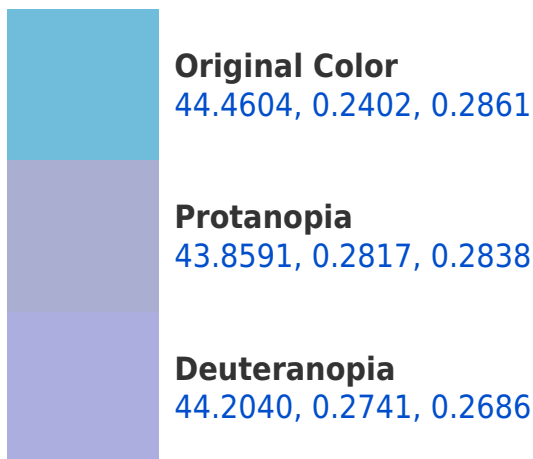


This preview shows how white text looks on a background with the Yxy color 44.4604, 0.2402, 0.2861.

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





Tritanopia

44.4089, 0.2454, 0.3060

Trichromacy



Original Color

44.4604, 0.2402, 0.2861

Protanomaly

43.8362, 0.2648, 0.2850

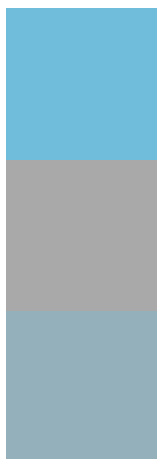
Deuteranomaly

43.8502, 0.2596, 0.2739

Tritanomaly

44.2865, 0.2430, 0.2978

Monochromacy



Original Color

44.4604, 0.2402, 0.2861

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

40.9344, 0.2810, 0.3134

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4604, 0.2402, 0.2861 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(111, 188, 219)` looks like.

```
.text, #text, p{  
    color:rgb(111, 188, 219)  
}
```

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(111, 188, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 188, 219) }
```

Border

The CSS property to change the border of an element to Yxy 44.4604, 0.2402, 0.2861 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(111, 188, 219) }
```

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

```
.border{ border-color:rgb(111, 188, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 188, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 188, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 188, 219);  
box-shadow:4px 4px 4px 4px rgb(111, 188,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4604, 0.2402, 0.2861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 188, 219) }
```

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

```
.background{ background-color: rgb(111,  
188, 219) }
```

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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