

Converting Colors

$Y_{xy}(44.0092, 0.2425, 0.2886)$

Have a look what the booklet for
Yxy(44.0092, 0.2425, 0.2886)
contains.

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Color

Yxy(44.0092, 0.2425, 0.2886)

Conversions

Conversions Part 1

Format	Color
Hex	71BBD8
RGB	113, 187, 216
RGB Percent	44%, 73%, 85%
CMY	0.5566, 0.2667, 0.1530
CMYK	0.48, 0.13, 0.00, 0.15
HSL	197°, 57%, 65%
HSV	197°, 48%, 85%
XYZ	36.9793, 44.0092, 71.5035
YIQ	168.1800, -53.4130, -6.6690

Conversions

Conversions Part 2

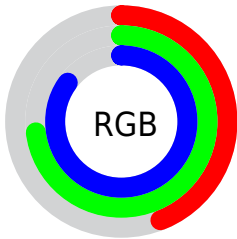
Format	Color
R _Y B	113, 156, 216
Decimal	7453656
CIE Lab	72.23, -15.31, -21.71
CIE LCh	72, 26.566, 234.816
Yxy	44.0092, 0.2425, 0.2886
Android (android.graphics.Color)	4285643736 (0xFF71BBD8)
YUV	168.1800, 23.5753, -48.3929
Hunter-Lab	66.3394, -16.5935, -17.4677

Details

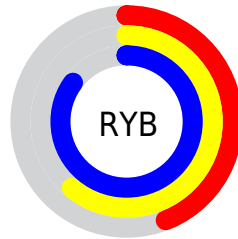
The Yxy color **44.0092, 0.2425, 0.2886** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **35.1537, 0.4251, 0.3647**, and the grayscale version is **39.1597, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.8672, 0.2635, 0.3156**, and **20.4077, 0.2237, 0.2770** is the 20% darker color. If you saturate the color by 10%, you get **40.2167, 0.2303, 0.2784**, and if you desaturate by 10%, it is **48.2554, 0.2560, 0.2983**.

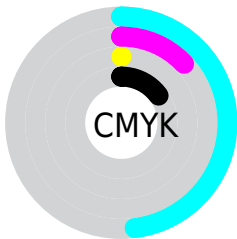
Distribution



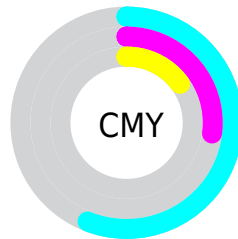
- Red (44%)
- Green (73%)
- Blue (85%)



- Red (44%)
- Yellow (61%)
- Blue (85%)



- Cyan (48%)
- Magenta (13%)
- Yellow (0%)
- Black (15%)



- Cyan (56%)
- Magenta (27%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.0092, 0.2425, 0.2886 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 44.0092, 0.2425, 0.2886 by changing the saturation by 10% instead.

■ 44.0092, 0.2425,
0.2886

■ 44.0092, 0.2425,
0.2886

362.7458, 0.2769,
0.3095

■ 30.6777, 0.2342,
0.2832

■ 81.2316, 0.2548,
0.2963

■ 20.3536, 0.2237,
0.2763

■ 105.8913, 0.2595,
0.2992

■ 12.6523, 0.2101,
0.2670

■ 135.0959, 0.2635,
0.3016

■ 7.1896, 0.1918,
0.2539

169.2298, 0.2669,
0.3036

■ 3.5809, 0.1663,
0.2343

208.6773, 0.2699,
0.3054

■ 1.4420, 0.1289,
0.2030

253.8229, 0.2725,

■ 0.2474, 0.0000,

0.3069

0.1080

305.0509, 0.2749,
0.3083

0.0000, 0.0000,
0.0000

44.0092, 0.2425,
0.2886

44.0092, 0.2425,
0.2886

40.2167, 0.2303,
0.2784

48.2554, 0.2560,
0.2983

36.8469, 0.2196,
0.2679

52.9736, 0.2705,
0.3074

33.8724, 0.2109,
0.2573

58.1872, 0.2856,
0.3159

31.2590, 0.2041,
0.2466

63.9162, 0.3010,
0.3236

28.9600, 0.1993,
0.2361

70.1794, 0.3163,
0.3306

■ 28.4488, 0.1982,
0.2336

■ 76.9945, 0.3314,
0.3368

■ 82.5806, 0.3395,
0.3427

■ 86.0184, 0.3386,
0.3487

■ 89.5754, 0.3377,
0.3546

Harmonies

Analogous

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



44.0092, 0.2497, 0.3198



44.0092, 0.2425, 0.2886



44.0092, 0.2525, 0.2707

Triad

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



44.0092, 0.2425, 0.2886



44.0092, 0.3520, 0.3027



44.0092, 0.3452, 0.3971

Complementary

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



44.0092, 0.2425, 0.2886



35.1537, 0.4251, 0.3647

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.



44.0092, 0.3751, 0.3872



44.0092, 0.2425, 0.2886



44.0092, 0.3798, 0.3323

Square

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



44.0092, 0.2425, 0.2886



44.0092, 0.3141, 0.2798



44.0092, 0.3882, 0.3629



44.0092, 0.3078, 0.3863

Rectangle

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



44.0092, 0.2425, 0.2886



44.0092, 0.2679, 0.2673



44.0092, 0.3882, 0.3629



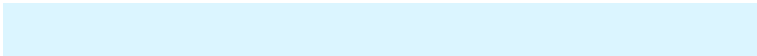
44.0092, 0.3565, 0.3959

Sweetspot

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



44.0109, 0.2425, 0.2886



87.5973, 0.2910, 0.3187



54.5297, 0.2908, 0.4387



18.3696, 0.2877, 0.3169



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.



44.0109, 0.2425, 0.2886



58.6339, 0.2304, 0.2785



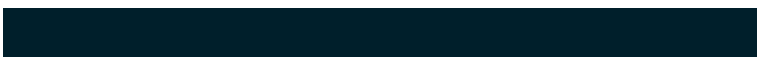
26.3858, 0.2288, 0.2143



13.4890, 0.2982, 0.3223



17.0317, 0.1987, 0.2352



1.1642, 0.2037, 0.2534

Inverse Universe

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



30.0091, 0.3491, 0.2425



37.1944, 0.3596, 0.2270



53.4785, 0.3950, 0.4213



12.5703, 0.3180, 0.3124



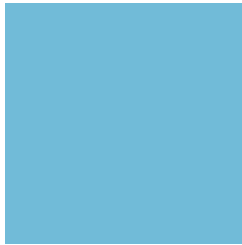
10.0642, 0.4072, 0.2017



0.6209, 0.3889, 0.1916

Previews

White Background



This preview shows how the Yxy color 44.0092, 0.2425, 0.2886 looks on a white background.

Color Contrast Check

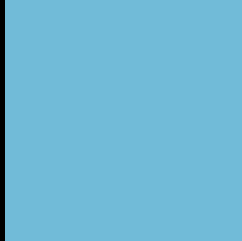
Large Text (above 18pt) WCAG AA × Fail

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 44.0092, 0.2425, 0.2886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

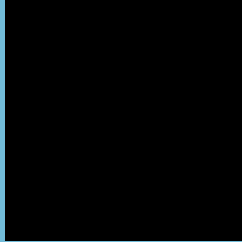
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.0092, 0.2425, 0.2886

Background



This preview shows how black text looks on a background with the Yxy color 44.0092, 0.2425, 0.2886.



This preview shows how white text looks on a background with the Yxy color 44.0092, 0.2425, 0.2886.

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

44.0092, 0.2425, 0.2886

Protanopia

43.7601, 0.2832, 0.2862

Deuteranopia

43.7723, 0.2768, 0.2708



Tritanopia

44.0060, 0.2473, 0.3074

Trichromacy



Original Color

44.0092, 0.2425, 0.2886

Protanomaly

43.3329, 0.2659, 0.2861

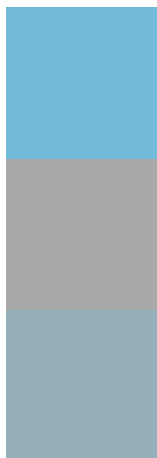
Deuteranomaly

43.4821, 0.2627, 0.2763

Tritanomaly

43.8355, 0.2454, 0.3005

Monochromacy



Original Color

44.0092, 0.2425, 0.2886

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

40.4586, 0.2824, 0.3147

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0092, 0.2425, 0.2886 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(113, 187, 216)` looks like.

```
.text, #text, p{  
    color:rgb(113, 187, 216)  
}
```

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(113, 187, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 187, 216) }
```

Border

The CSS property to change the border of an element to Yxy 44.0092, 0.2425, 0.2886 is called "border". The border property can be set on classes, ids or directly on the HTML element.

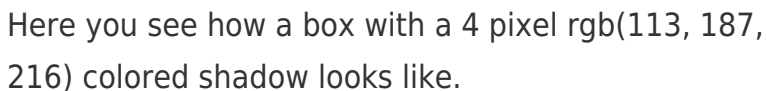
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(113, 187, 216) }
```

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

```
.border{ border-color:rgb(113, 187, 216) }
```

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



Here you see how a box with a 4 pixel rgb(113, 187, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 187, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 187, 216);  
box-shadow:4px 4px 4px 4px rgb(113, 187,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0092, 0.2425, 0.2886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 187, 216) }
```

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

```
.background{ background-color: rgb(113,  
187, 216) }
```

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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