

Converting Colors

$Y_{xy}(44.1591, 0.2398, 0.2786)$

Have a look what the booklet for
Yxy(44.1591, 0.2398, 0.2786)
contains.

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Color

Yxy(44.0904, 0.2396, 0.2784)

Conversions

Conversions Part 1

Format	Color
Hex	73BADF
RGB	115, 186, 223
RGB Percent	45%, 73%, 87%
CMY	0.5492, 0.2706, 0.1254
CMYK	0.48, 0.17, 0.00, 0.13
HSL	201°, 63%, 66%
HSV	201°, 48%, 87%
XYZ	37.9456, 44.0904, 76.3347
YIQ	168.9890, -54.1930, -3.5450

Conversions

Conversions Part 2

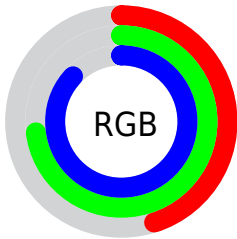
Format	Color
RYB	115, 158, 223
Decimal	7584479
CIELab	72.29, -12.39, -25.45
CIElCh	72, 28.304, 244.043
Yxy	44.0904, 0.2396, 0.2784
Android (android.graphics.Color)	4285774559 (0xFF73BADF)
YUV	168.9890, 26.6274, -47.3484
Hunter-Lab	66.4006, -14.1946, -21.6798

Details

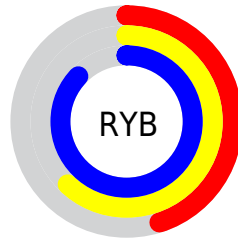
The Yxy color **44.0904, 0.2396, 0.2784** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **39.3734, 0.4239, 0.3729**, and the grayscale version is **39.5529, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.4949, 0.2644, 0.3145**, and **20.4430, 0.2201, 0.2634** is the 20% darker color. If you saturate the color by 10%, you get **39.6263, 0.2266, 0.2657**, and if you desaturate by 10%, it is **49.0955, 0.2538, 0.2905**.

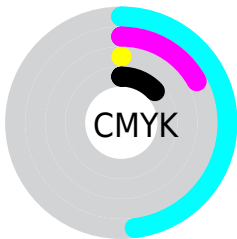
Distribution



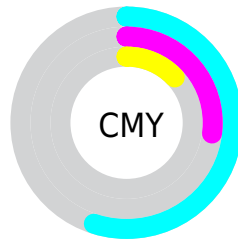
- Red (45%)
- Green (73%)
- Blue (87%)



- Red (45%)
- Yellow (62%)
- Blue (87%)



- Cyan (48%)
- Magenta (17%)
- Yellow (0%)
- Black (13%)



- Cyan (55%)
- Magenta (27%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.0904, 0.2396, 0.2784 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 44.0904, 0.2396, 0.2784 by changing the saturation by 10% instead.

■ 44.0904, 0.2396,
0.2784

■ 44.0904, 0.2396,
0.2784

■ 363.0770, 0.2754,
0.3042

■ 30.7416, 0.2310,
0.2719

■ 81.3538, 0.2524,
0.2878

■ 20.4022, 0.2202,
0.2636

■ 106.0371, 0.2572,
0.2914

■ 12.6877, 0.2062,
0.2525

■ 135.2674, 0.2614,
0.2943

■ 7.2139, 0.1876,
0.2373

■ 169.4290, 0.2649,
0.2969

■ 3.5962, 0.1618,
0.2151

■ 208.9064, 0.2680,
0.2991

■ 1.4504, 0.1247,
0.1810

■ 254.0840, 0.2708,

■ 0.2534, 0.0000,

0.3010

0.0914

305.3460, 0.2732,
0.3027

0.0000, 0.0000,
0.0000

44.0904, 0.2396,
0.2784

44.0904, 0.2396,
0.2784

39.6263, 0.2266,
0.2657

49.0955, 0.2538,
0.2905

35.6688, 0.2153,
0.2527

54.6633, 0.2687,
0.3017

32.1862, 0.2057,
0.2394

60.8202, 0.2842,
0.3122

29.1398, 0.1983,
0.2263

67.5891, 0.2997,
0.3217

26.4737, 0.1928,
0.2134

74.9914, 0.3151,
0.3303

■ 26.0835, 0.1921,
0.2114

■ 83.0475, 0.3301,
0.3379

■ 88.6005, 0.3335,
0.3453

■ 93.1798, 0.3325,
0.3527

■ 97.9504, 0.3316,
0.3599

Harmonies

Analogous

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



44.0904, 0.2416, 0.3076



44.0904, 0.2396, 0.2784



44.0904, 0.2555, 0.2646

Triad

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



44.0904, 0.2396, 0.2784



44.0904, 0.3653, 0.3101



44.0904, 0.3352, 0.4007

Complementary

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



44.0904, 0.2396, 0.2784



39.3734, 0.4239, 0.3729

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.



44.0904, 0.3707, 0.3962



44.0904, 0.2396, 0.2784



44.0904, 0.3894, 0.3424

Square

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



44.0904, 0.2396, 0.2784



44.0904, 0.3269, 0.2832



44.0904, 0.3911, 0.3738



44.0904, 0.2952, 0.3822

Rectangle

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



44.0904, 0.2396, 0.2784



44.0904, 0.2748, 0.2644



44.0904, 0.3911, 0.3738



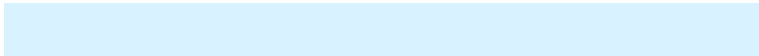
44.0904, 0.3481, 0.4017

Sweetspot

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



44.0921, 0.2396, 0.2784



85.3781, 0.2894, 0.3155



58.6608, 0.2866, 0.4306



17.8679, 0.2861, 0.3134



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.



44.0921, 0.2396, 0.2784



53.7024, 0.2267, 0.2658



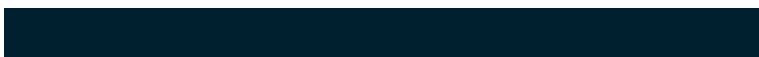
25.7367, 0.2251, 0.2014



14.7405, 0.2982, 0.3208



15.5518, 0.1926, 0.2133



1.2424, 0.1981, 0.2332

Inverse Universe

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



31.4881, 0.3575, 0.2478



36.1725, 0.3708, 0.2335



60.5943, 0.3928, 0.4299



13.8517, 0.3190, 0.3137



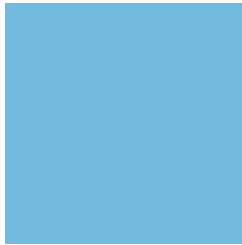
10.4780, 0.4305, 0.2145



0.7429, 0.4093, 0.2028

Previews

White Background



This preview shows how the Yxy color 44.0904, 0.2396, 0.2784 looks on a white background.

Color Contrast Check

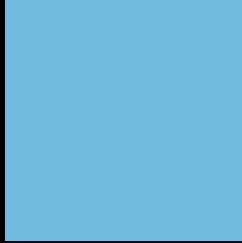
Large Text (above 18pt) WCAG AA × Fail

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 44.0904, 0.2396, 0.2784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

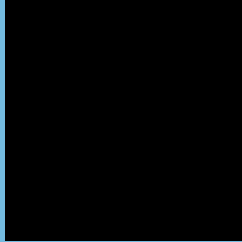
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.0904, 0.2396, 0.2784

Background



This preview shows how black text looks on a background with the Yxy color 44.0904, 0.2396, 0.2784.



This preview shows how white text looks on a background with the Yxy color 44.0904, 0.2396, 0.2784.

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

44.0904, 0.2396, 0.2784

Protanopia

43.7817, 0.2759, 0.2775

Deuteranopia

43.7030, 0.2691, 0.2624



Tritanopia

44.0060, 0.2473, 0.3074

Trichromacy



Original Color

44.0904, 0.2396, 0.2784

Protanomaly

43.5981, 0.2608, 0.2774

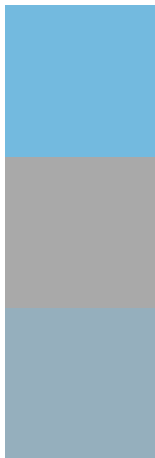
Deuteranomaly

43.6666, 0.2570, 0.2679

Tritanomaly

44.0491, 0.2443, 0.2965

Monochromacy



Original Color

44.0904, 0.2396, 0.2784

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

40.7236, 0.2803, 0.3092

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0904, 0.2396, 0.2784 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(115, 186, 223)` looks like.

```
.text, #text, p{  
    color:rgb(115, 186, 223)  
}
```

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(115, 186, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 186, 223) }
```

Border

The CSS property to change the border of an element to Yxy 44.0904, 0.2396, 0.2784 is called "border". The border property can be set on classes, ids or directly on the HTML element.

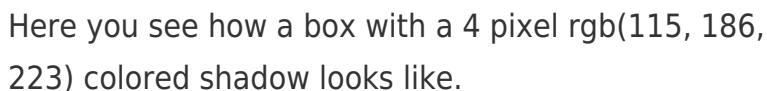
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 186, 223) }
```

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

```
.border{ border-color:rgb(115, 186, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 186, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 186, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 186, 223); box-shadow:4px 4px 4px 4px rgb(115, 186, 223) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0904, 0.2396, 0.2784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 186, 223) }
```

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

```
.background{ background-color: rgb(115,  
186, 223) }
```

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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