

Converting Colors

$Yxy(44.1314, 0.2496, 0.2865)$

Have a look what the booklet for
Yxy(44.1314, 0.2496, 0.2865)
contains.

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Color

Yxy(44.1678, 0.2498, 0.2866)

Conversions

Conversions Part 1

Format	Color
Hex	7FB9D8
RGB	127, 185, 216
RGB Percent	50%, 73%, 85%
CMY	0.5018, 0.2745, 0.1530
CMYK	0.41, 0.14, 0.00, 0.15
HSL	201°, 53%, 67%
HSV	201°, 41%, 85%
XYZ	38.4966, 44.1678, 71.4452
YIQ	171.1920, -44.5190, -2.6550

Conversions

Conversions Part 2

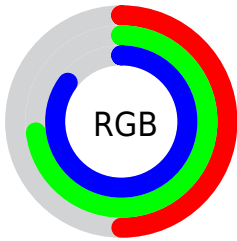
Format	Color
RYB	127, 162, 216
Decimal	8370648
CIELab	72.34, -10.84, -21.48
CIElCh	72, 24.062, 243.229
Yxy	44.1678, 0.2498, 0.2866
Android (android.graphics.Color)	4286560728 (0xFF7FB9D8)
YUV	171.1920, 22.0903, -38.7564
Hunter-Lab	66.4589, -12.9061, -17.2173

Details

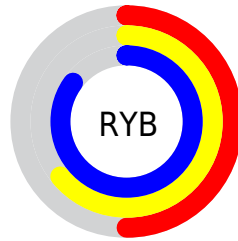
The Yxy color **44.1678, 0.2498, 0.2866** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **40.5847, 0.4014, 0.3671**, and the grayscale version is **40.7333, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.1979, 0.2700, 0.3137**, and **20.4535, 0.2328, 0.2743** is the 20% darker color. If you saturate the color by 10%, you get **39.6203, 0.2359, 0.2742**, and if you desaturate by 10%, it is **49.2406, 0.2646, 0.2983**.

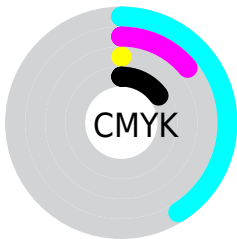
Distribution



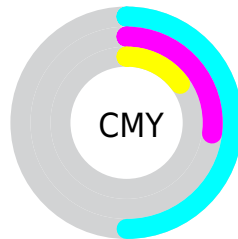
- Red (50%)
- Green (73%)
- Blue (85%)



- Red (50%)
- Yellow (64%)
- Blue (85%)



- Cyan (41%)
- Magenta (14%)
- Yellow (0%)
- Black (15%)



- Cyan (50%)
- Magenta (27%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.1678, 0.2498, 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 44.1678, 0.2498, 0.2866 by changing the saturation by 10% instead.

■ 44.1678, 0.2498,
0.2866

■ 44.1678, 0.2498,
0.2866

■ 363.3926, 0.2808,
0.3082

■ 30.8024, 0.2423,
0.2811

■ 81.4702, 0.2609,
0.2945

■ 20.4485, 0.2328,
0.2741

■ 106.1760, 0.2651,
0.2975

■ 12.7215, 0.2204,
0.2646

■ 135.4308, 0.2687,
0.3000

■ 7.2370, 0.2036,
0.2515

■ 169.6189, 0.2718,
0.3021

■ 3.6108, 0.1800,
0.2321

■ 209.1247, 0.2745,
0.3040

■ 1.4583, 0.1448,
0.2013

■ 254.3327, 0.2768,

■ 0.2591, 0.0000,

0.3056

0.1128

305.6272, 0.2789,
0.3070

0.0000, 0.0000,
0.0000

44.1678, 0.2498,
0.2866

44.1678, 0.2498,
0.2866

39.6203, 0.2359,
0.2742

49.2406, 0.2646,
0.2983

35.5677, 0.2232,
0.2612

54.8570, 0.2800,
0.3091

31.9833, 0.2122,
0.2478

61.0404, 0.2955,
0.3190

28.8352, 0.2032,
0.2344

67.8113, 0.3109,
0.3280

26.0856, 0.1962,
0.2211

75.1886, 0.3260,
0.3360

■ 23.9361, 0.1915,
0.2095

■ 82.8827, 0.3394,
0.3432

■ 87.1630, 0.3383,
0.3506

■ 91.6262, 0.3372,
0.3578

■ 96.2744, 0.3361,
0.3650

Harmonies

Analogous

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



44.1678, 0.2520, 0.3121



44.1678, 0.2498, 0.2866



44.1678, 0.2632, 0.2740

Triad

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



44.1678, 0.2498, 0.2866



44.1678, 0.3566, 0.3123



44.1678, 0.3331, 0.3896

Complementary

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



44.1678, 0.2498, 0.2866



40.5847, 0.4014, 0.3671

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.



44.1678, 0.3629, 0.3860



44.1678, 0.2498, 0.2866



44.1678, 0.3774, 0.3402

Square

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



44.1678, 0.2498, 0.2866



44.1678, 0.3240, 0.2891



44.1678, 0.3796, 0.3671



44.1678, 0.2989, 0.3744

Rectangle

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



44.1678, 0.2498, 0.2866



44.1678, 0.2797, 0.2733



44.1678, 0.3796, 0.3671



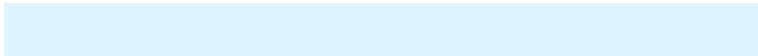
44.1678, 0.3440, 0.3904

Sweetspot

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



44.1695, 0.2498, 0.2866



88.0395, 0.2940, 0.3182



56.0375, 0.2897, 0.4123



18.5818, 0.2920, 0.3169



0.0000, 0.0000, 0.0000



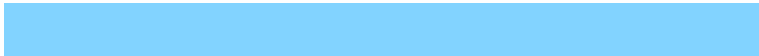
21.4041, 0.3127, 0.3290

Same Dimension

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



44.1695, 0.2498, 0.2866



58.7999, 0.2382, 0.2764



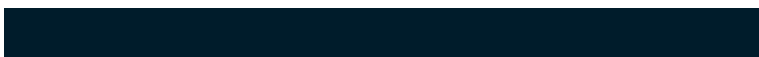
28.7743, 0.2398, 0.2240



13.3460, 0.2982, 0.3207



14.3801, 0.1921, 0.2115



1.0196, 0.1984, 0.2342

Inverse Universe

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



33.2852, 0.3491, 0.2602



41.9661, 0.3594, 0.2471



57.9728, 0.3803, 0.4155



12.5558, 0.3190, 0.3139



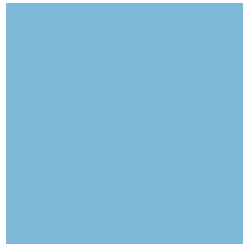
9.7965, 0.4324, 0.2156



0.6062, 0.4083, 0.2023

Previews

White Background



This preview shows how the Yxy color 44.1678, 0.2498, 0.2866 looks on a white background.

Color Contrast Check

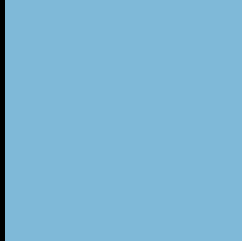
Large Text (above 18pt) WCAG AA × Fail

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 44.1678, 0.2498, 0.2866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

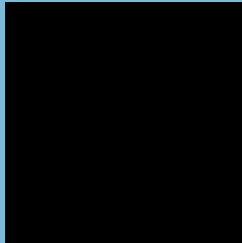
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.1678, 0.2498, 0.2866

Background



This preview shows how black text looks on a background with the Yxy color 44.1678, 0.2498, 0.2866.



This preview shows how white text looks on a background with the Yxy color 44.1678, 0.2498, 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

44.1678, 0.2498, 0.2866

Protanopia

43.8094, 0.2824, 0.2850

Deuteranopia

43.8859, 0.2776, 0.2710



Tritanopia

44.0159, 0.2558, 0.3077

Trichromacy



Original Color

44.1678, 0.2498, 0.2866

Protanomaly

43.8637, 0.2688, 0.2853

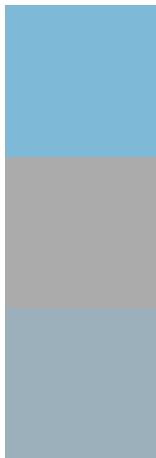
Deuteranomaly

43.5742, 0.2661, 0.2755

Tritanomaly

43.9079, 0.2533, 0.2995

Monochromacy



Original Color

44.1678, 0.2498, 0.2866

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

41.6071, 0.2865, 0.3136

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1678, 0.2498, 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(127, 185, 216)` looks like.

```
.text, #text, p{  
    color:rgb(127, 185, 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(127, 185, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 185, 216) }
```

Border

The CSS property to change the border of an element to Yxy 44.1678, 0.2498, 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(127, 185, 216) }
```

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

```
.border{ border-color:rgb(127, 185, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 185, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 185, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 185, 216);  
box-shadow:4px 4px 4px 4px rgb(127, 185,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1678, 0.2498, 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(127, 185, 216) }
```

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

```
.background{ background-color: rgb(127,  
185, 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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