

Converting Colors

$Yxy(43.8175, 0.2549, 0.2798)$

Have a look what the booklet for
Yxy(43.8175, 0.2549, 0.2798)
contains.

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Color

Yxy(44.0068, 0.2554, 0.2807)

Conversions

Conversions Part 1

Format	Color
Hex	8BB6DA
RGB	139, 182, 218
RGB Percent	55%, 71%, 85%
CMY	0.4546, 0.2863, 0.1450
CMYK	0.36, 0.17, 0.00, 0.15
HSL	207°, 52%, 70%
HSV	207°, 36%, 85%
XYZ	40.0404, 44.0068, 72.7280
YIQ	173.2470, -37.1840, 2.0800

Conversions

Conversions Part 2

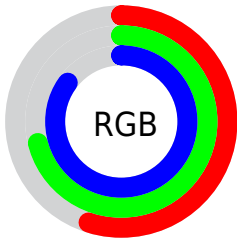
Format	Color
RYB	139, 167, 218
Decimal	9156314
CIELab	72.23, -5.49, -22.70
CIElCh	72, 23.357, 256.395
Yxy	44.0068, 0.2554, 0.2807
Android (android.graphics.Color)	4287346394 (0xFF8BB6DA)
YUV	173.2470, 22.0632, -30.0346
Hunter-Lab	66.3376, -8.3509, -18.5652

Details

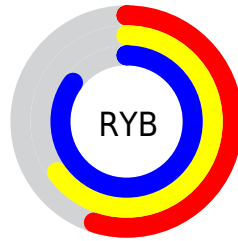
The Yxy color **44.0068, 0.2554, 0.2807** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **47.4746, 0.3840, 0.3725**, and the grayscale version is **41.8287, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.9712, 0.2763, 0.3107**, and **20.2762, 0.2393, 0.2665** is the 20% darker color. If you saturate the color by 10%, you get **38.3824, 0.2398, 0.2645**, and if you desaturate by 10%, it is **50.2985, 0.2714, 0.2957**.

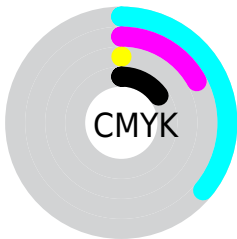
Distribution



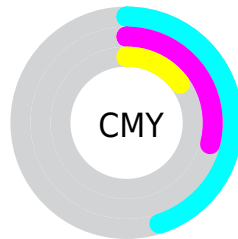
- Red (55%)
- Green (71%)
- Blue (85%)



- Red (55%)
- Yellow (65%)
- Blue (85%)



- Cyan (36%)
- Magenta (17%)
- Yellow (0%)
- Black (15%)



- Cyan (45%)
- Magenta (29%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.0068, 0.2554, 0.2807 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 44.0068, 0.2554, 0.2807 by changing the saturation by 10% instead.

■ 44.0068, 0.2554,
0.2807

■ 44.0068, 0.2554,
0.2807

■ 362.7360, 0.2837,
0.3050

■ 30.6759, 0.2485,
0.2746

■ 81.2280, 0.2656,
0.2895

■ 20.3521, 0.2397,
0.2669

■ 105.8870, 0.2694,
0.2929

■ 12.6513, 0.2283,
0.2566

■ 135.0908, 0.2727,
0.2957

■ 7.1889, 0.2127,
0.2425

■ 169.2239, 0.2755,
0.2981

■ 3.5805, 0.1906,
0.2220

■ 208.6705, 0.2780,
0.3001

■ 1.4418, 0.1573,
0.1901

■ 253.8152, 0.2801,

■ 0.2472, 0.0402,

0.3020

0.0986

305.0422, 0.2820,
0.3036

0.0000, 0.0000,
0.0000

44.0068, 0.2554,
0.2807

44.0068, 0.2554,
0.2807

38.3824, 0.2398,
0.2645

50.2985, 0.2714,
0.2957

33.3919, 0.2250,
0.2475

57.2788, 0.2875,
0.3095

29.0060, 0.2115,
0.2298

64.9739, 0.3032,
0.3219

25.1906, 0.1999,
0.2118

73.4072, 0.3184,
0.3331

21.9062, 0.1904,
0.1942

82.6007, 0.3329,
0.3430

■ 19.1053, 0.1832,
0.1771

■ 89.6432, 0.3364,
0.3525

■ 18.1421, 0.1808,
0.1709

■ 95.7186, 0.3350,
0.3619

■ 97.8431, 0.3345,
0.3651

Harmonies

Analogous

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



44.0068, 0.2508, 0.3004



44.0068, 0.2554, 0.2807



44.0068, 0.2746, 0.2743

Triad

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



44.0068, 0.2554, 0.2807



44.0068, 0.3662, 0.3245



44.0068, 0.3180, 0.3835

Complementary

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



44.0068, 0.2554, 0.2807



47.4746, 0.3840, 0.3725

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.



44.0068, 0.3500, 0.3881



44.0068, 0.2554, 0.2807



44.0068, 0.3789, 0.3520

Square

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



44.0068, 0.2554, 0.2807



44.0068, 0.3384, 0.2992



44.0068, 0.3726, 0.3756



44.0068, 0.2858, 0.3616

Rectangle

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



44.0068, 0.2554, 0.2807



44.0068, 0.2937, 0.2776



44.0068, 0.3726, 0.3756



44.0068, 0.3292, 0.3871

Sweetspot

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



44.0085, 0.2554, 0.2807



87.1650, 0.2956, 0.3160



58.7285, 0.2866, 0.3875



18.3374, 0.2934, 0.3143



0.0000, 0.0000, 0.0000



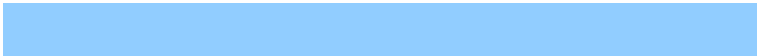
21.4041, 0.3127, 0.3290

Same Dimension

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



44.0085, 0.2554, 0.2807



56.9131, 0.2441, 0.2692



30.2072, 0.2477, 0.2258



13.7842, 0.2982, 0.3181



11.0844, 0.1815, 0.1733



0.8896, 0.1891, 0.2008

Inverse Universe

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



36.7704, 0.3524, 0.2780



46.0236, 0.3634, 0.2679



64.9058, 0.3684, 0.4147



13.1693, 0.3207, 0.3164



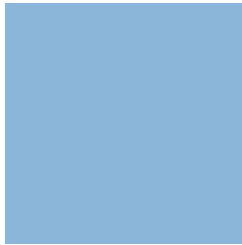
9.7427, 0.4766, 0.2399



0.6485, 0.4443, 0.2221

Previews

White Background



This preview shows how the Yxy color 44.0068, 0.2554, 0.2807 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 44.0068, 0.2554, 0.2807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

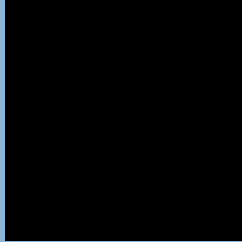
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.0068, 0.2554, 0.2807

Background



This preview shows how black text looks on a background with the Yxy color 44.0068, 0.2554, 0.2807.

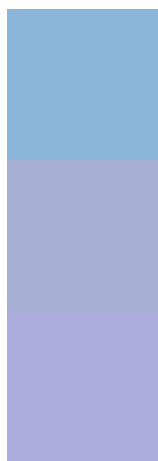


This preview shows how white text looks on a background with the Yxy color 44.0068, 0.2554, 0.2807.

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

44.0068, 0.2554, 0.2807

Protanopia

43.7889, 0.2781, 0.2800

Deuteranopia

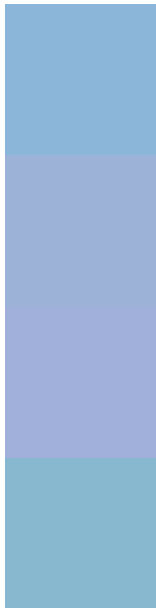
43.8251, 0.2761, 0.2697



Tritanopia

44.0190, 0.2642, 0.3080

Trichromacy



Original Color

44.0068, 0.2554, 0.2807

Protanomaly

43.9152, 0.2689, 0.2805

Deuteranomaly

43.6387, 0.2682, 0.2734

Tritanomaly

44.0202, 0.2604, 0.2973

Monochromacy



Original Color

44.0068, 0.2554, 0.2807

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

42.3019, 0.2899, 0.3112

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0068, 0.2554, 0.2807 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(139, 182, 218)` looks like.

```
.text, #text, p{  
    color:rgb(139, 182, 218)  
}
```

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(139, 182, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 182, 218) }
```

Border

The CSS property to change the border of an element to Yxy 44.0068, 0.2554, 0.2807 is called "border". The border property can be set on classes, ids or directly on the HTML element.

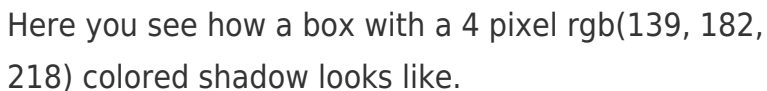
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(139, 182, 218) }
```

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

```
.border{ border-color:rgb(139, 182, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(139, 182, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 182, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 182, 218); box-shadow:4px 4px 4px 4px rgb(139, 182, 218) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0068, 0.2554, 0.2807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 182, 218) }
```

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

```
.background{ background-color: rgb(139,  
182, 218) }
```

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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