

Converting Colors

$Yxy(44.4612, 0.2653, 0.2892)$

Have a look what the booklet for
Yxy(44.4612, 0.2653, 0.2892)
contains.

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Color

Yxy(44.5053, 0.2650, 0.2889)

Conversions

Conversions Part 1

Format	Color
Hex	94B6D4
RGB	148, 182, 212
RGB Percent	58%, 71%, 83%
CMY	0.4196, 0.2863, 0.1686
CMYK	0.30, 0.14, 0.00, 0.17
HSL	208°, 43%, 71%
HSV	208°, 30%, 83%
XYZ	40.8235, 44.5053, 68.7221
YIQ	175.2540, -29.8940, 2.1220

Conversions

Conversions Part 2

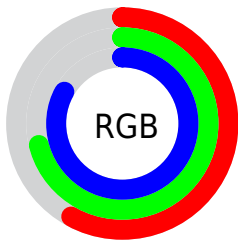
Format	Color
R_{YB}	148, 170, 212
Decimal	9746132
CIE _{Lab}	72.56, -4.50, -18.86
CIE _{LCh}	73, 19.388, 256.587
Yxy	44.5053, 0.2650, 0.2889
Android (android.graphics.Color)	4287936212 (0xFF94B6D4)
YUV	175.2540, 18.1158, -23.9018
Hunter-Lab	66.7123, -7.5164, -14.3776

Details

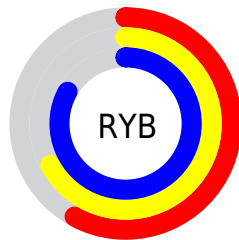
The Yxy color **44.5053, 0.2650, 0.2889** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **47.9717, 0.3693, 0.3659**, and the grayscale version is **42.9249, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.0656, 0.2810, 0.3109**, and **20.5677, 0.2517, 0.2775** is the 20% darker color. If you saturate the color by 10%, you get **38.7817, 0.2490, 0.2730**, and if you desaturate by 10%, it is **50.8832, 0.2811, 0.3035**.

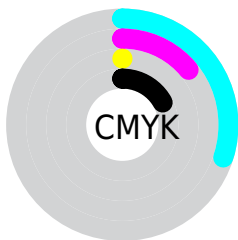
Distribution



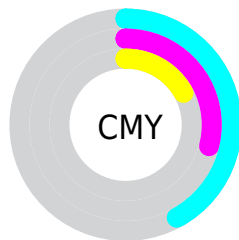
- Red (58%)
- Green (71%)
- Blue (83%)



- Red (58%)
- Yellow (67%)
- Blue (83%)



- Cyan (30%)
- Magenta (14%)
- Yellow (0%)
- Black (17%)



- Cyan (42%)
- Magenta (29%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.5053, 0.2650, 0.2889 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 44.5053, 0.2650, 0.2889 by changing the saturation by 10% instead.

■ 44.5053, 0.2650,
0.2889

■ 44.5053, 0.2650,
0.2889

364.7663, 0.2887,
0.3091

■ 31.0680, 0.2592,
0.2839

■ 81.9776, 0.2735,
0.2962

■ 20.6506, 0.2518,
0.2774

■ 106.7813, 0.2768,
0.2990

■ 12.8688, 0.2421,
0.2688

136.1425, 0.2795,
0.3013

■ 7.3383, 0.2287,
0.2569

170.4458, 0.2818,
0.3033

■ 3.6746, 0.2095,
0.2393

210.0754, 0.2839,
0.3051

■ 1.4932, 0.1797,
0.2114

255.4157, 0.2857,

■ 0.2840, 0.0716,

0.3066

0.1270

306.8512, 0.2873,
0.3079

0.0000, 0.0000,
0.0000

44.5053, 0.2650,
0.2889

44.5053, 0.2650,
0.2889

38.7817, 0.2490,
0.2730

50.8832, 0.2811,
0.3035

33.6813, 0.2335,
0.2560

57.9342, 0.2970,
0.3168

29.1781, 0.2190,
0.2382

65.6826, 0.3124,
0.3288

25.2416, 0.2061,
0.2199

74.1500, 0.3272,
0.3394

21.8377, 0.1950,
0.2015

83.3567, 0.3412,
0.3488

■ 18.9268, 0.1863,
0.1837

■ 89.2882, 0.3403,
0.3584

■ 16.4846, 0.1797,
0.1669

■ 95.3513, 0.3387,
0.3679

■ 97.5332, 0.3382,
0.3711

Harmonies

Analogous

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



44.5053, 0.2610, 0.3055



44.5053, 0.2650, 0.2889



44.5053, 0.2812, 0.2834

Triad

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



44.5053, 0.2650, 0.2889



44.5053, 0.3570, 0.3256



44.5053, 0.3172, 0.3735

Complementary

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



44.5053, 0.2650, 0.2889



47.9717, 0.3693, 0.3659

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.



44.5053, 0.3436, 0.3777



44.5053, 0.2650, 0.2889



44.5053, 0.3673, 0.3487

Square

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



44.5053, 0.2650, 0.2889



44.5053, 0.3342, 0.3043



44.5053, 0.3622, 0.3680



44.5053, 0.2904, 0.3556

Rectangle

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



44.5053, 0.2650, 0.2889



44.5053, 0.2973, 0.2860



44.5053, 0.3622, 0.3680



44.5053, 0.3264, 0.3766

Sweetspot

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



44.5071, 0.2650, 0.2889



89.2329, 0.2987, 0.3182



56.5894, 0.2899, 0.3747



18.7448, 0.2964, 0.3164



0.0000, 0.0000, 0.0000



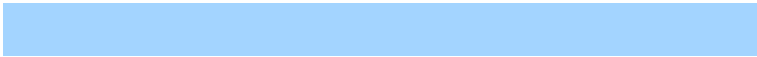
21.4041, 0.3127, 0.3290

Same Dimension

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



44.5071, 0.2650, 0.2889



62.1040, 0.2550, 0.2792



32.9047, 0.2600, 0.2442



13.0903, 0.2982, 0.3178



10.3796, 0.1804, 0.1693



0.7912, 0.1887, 0.1991

Inverse Universe

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



38.5540, 0.3446, 0.2877



52.2779, 0.3535, 0.2790



62.1595, 0.3587, 0.4017



12.5300, 0.3209, 0.3167



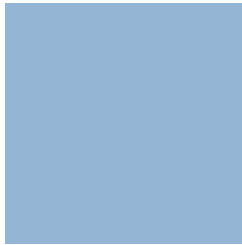
9.3927, 0.4815, 0.2426



0.5832, 0.4463, 0.2232

Previews

White Background



This preview shows how the Yxy color 44.5053, 0.2650, 0.2889 looks on a white background.

Color Contrast Check

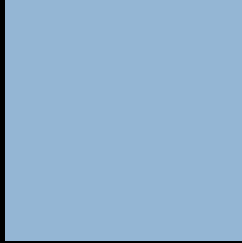
Large Text (above 18pt) WCAG AA × Fail

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 44.5053, 0.2650, 0.2889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

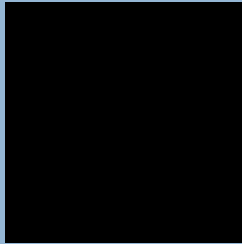
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

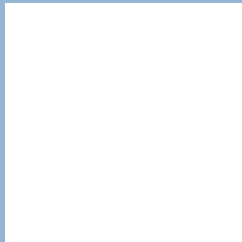
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.5053, 0.2650, 0.2889

Background



This preview shows how black text looks on a background with the Yxy color 44.5053, 0.2650, 0.2889.



This preview shows how white text looks on a background with the Yxy color 44.5053, 0.2650, 0.2889.

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

44.5053, 0.2650, 0.2889

Protanopia

44.2627, 0.2840, 0.2876

Deuteranopia

44.4743, 0.2843, 0.2785



Tritanopia

44.4242, 0.2715, 0.3083

Trichromacy



Original Color

44.5053, 0.2650, 0.2889

Protanomaly

44.2308, 0.2773, 0.2884

Deuteranomaly

44.3554, 0.2767, 0.2825

Tritanomaly

44.3376, 0.2688, 0.3004

Monochromacy



Original Color

44.5053, 0.2650, 0.2889

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.4710, 0.2940, 0.3154

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5053, 0.2650, 0.2889 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(148, 182, 212)` looks like.

```
.text, #text, p{  
    color:rgb(148, 182, 212)  
}
```

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(148, 182, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 182, 212) }
```

Border

The CSS property to change the border of an element to Yxy 44.5053, 0.2650, 0.2889 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(148, 182, 212) }
```

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

```
.border{ border-color:rgb(148, 182, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 182, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 182, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 182, 212);  
box-shadow:4px 4px 4px 4px rgb(148, 182,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5053, 0.2650, 0.2889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 182, 212) }
```

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

```
.background{ background-color: rgb(148,  
182, 212) }
```

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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