

Converting Colors

$Y_{xy}(44.2109, 0.2495, 0.2952)$

Have a look what the booklet for
Yxy(44.2109, 0.2495, 0.2952)
contains.

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Color

Yxy(44.3087, 0.2495, 0.2955)

Conversions

Conversions Part 1

Format	Color
Hex	79BBD3
RGB	121, 187, 211
RGB Percent	47%, 73%, 83%
CMY	0.5256, 0.2666, 0.1724
CMYK	0.43, 0.11, 0.00, 0.17
HSL	196°, 51%, 65%
HSV	196°, 43%, 83%
XYZ	37.4112, 44.3087, 68.2249
YIQ	170.0020, -47.0400, -6.5280

Conversions

Conversions Part 2

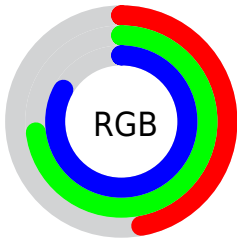
Format	Color
RYB	121, 159, 211
Decimal	7977939
CIELab	72.43, -14.75, -18.67
CIELCh	72, 23.795, 231.685
Yxy	44.3087, 0.2495, 0.2955
Android (android.graphics.Color)	4286168019 (0xFF79BBD3)
YUV	170.0020, 20.2120, -42.9748
Hunter-Lab	66.5648, -16.1665, -14.1733

Details

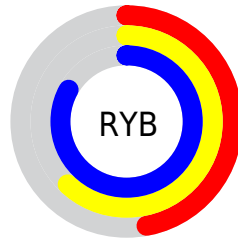
The Yxy color **44.3087, 0.2495, 0.2955** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.4764, 0.4097, 0.3594**, and the grayscale version is **40.1115, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.6683, 0.2671, 0.3157**, and **20.5743, 0.2326, 0.2865** is the 20% darker color. If you saturate the color by 10%, you get **40.6082, 0.2368, 0.2861**, and if you desaturate by 10%, it is **48.4396, 0.2634, 0.3044**.

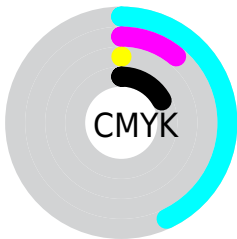
Distribution



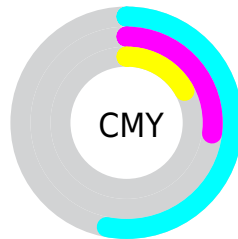
- Red (47%)
- Green (73%)
- Blue (83%)



- Red (47%)
- Yellow (62%)
- Blue (83%)



- Cyan (43%)
- Magenta (11%)
- Yellow (0%)
- Black (17%)



- Cyan (53%)
- Magenta (27%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.3087, 0.2495, 0.2955 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 44.3087, 0.2495, 0.2955 by changing the saturation by 10% instead.

■ 44.3087, 0.2495,
0.2955

■ 44.3087, 0.2495,
0.2955

■ 363.9665, 0.2806,
0.3129

■ 30.9133, 0.2419,
0.2910

■ 81.6821, 0.2607,
0.3019

■ 20.5328, 0.2324,
0.2852

■ 106.4288, 0.2649,
0.3043

■ 12.7829, 0.2199,
0.2773

■ 135.7281, 0.2685,
0.3063

■ 7.2792, 0.2030,
0.2661

■ 169.9643, 0.2716,
0.3080

■ 3.6373, 0.1791,
0.2493

■ 209.5218, 0.2743,
0.3095

■ 1.4728, 0.1433,
0.2216

■ 254.7851, 0.2766,

■ 0.2695, 0.0000,

0.3108

0.1336

306.1386, 0.2787,
0.3119

0.0000, 0.0000,
0.0000

44.3087, 0.2495,
0.2955

44.3087, 0.2495,
0.2955

40.6082, 0.2368,
0.2861

48.4396, 0.2634,
0.3044

37.3100, 0.2255,
0.2764

53.0168, 0.2781,
0.3127

34.3900, 0.2160,
0.2664

58.0615, 0.2933,
0.3203

31.8189, 0.2085,
0.2564

63.5917, 0.3086,
0.3273

29.5614, 0.2029,
0.2464

69.6246, 0.3239,
0.3335

■ 28.0643, 0.1998,
0.2392

■ 76.1764, 0.3389,
0.3391

■ 80.5751, 0.3434,
0.3446

■ 83.6933, 0.3425,
0.3501

■ 86.9130, 0.3415,
0.3556

Harmonies

Analogous

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



44.3087, 0.2577, 0.3244



44.3087, 0.2495, 0.2955



44.3087, 0.2569, 0.2778

Triad

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



44.3087, 0.2495, 0.2955



44.3087, 0.3446, 0.3029



44.3087, 0.3453, 0.3896

Complementary

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



44.3087, 0.2495, 0.2955



35.4764, 0.4097, 0.3594

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.



44.3087, 0.3706, 0.3795



44.3087, 0.2495, 0.2955



44.3087, 0.3707, 0.3293

Square

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



44.3087, 0.2495, 0.2955



44.3087, 0.3105, 0.2830



44.3087, 0.3803, 0.3570



44.3087, 0.3120, 0.3817

Rectangle

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



44.3087, 0.2495, 0.2955



44.3087, 0.2700, 0.2736



44.3087, 0.3803, 0.3570



44.3087, 0.3550, 0.3881

Sweetspot

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



44.3104, 0.2495, 0.2955



88.7347, 0.2926, 0.3200



52.7071, 0.2926, 0.4249



18.6111, 0.2891, 0.3183



0.0000, 0.0000, 0.0000



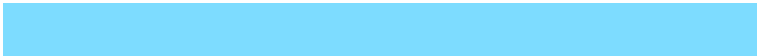
21.4041, 0.3127, 0.3290

Same Dimension

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



44.3104, 0.2495, 0.2955



62.9302, 0.2381, 0.2872



28.1052, 0.2384, 0.2286



12.8514, 0.2983, 0.3227



17.1084, 0.2002, 0.2407



1.0832, 0.2052, 0.2588

Inverse Universe

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



31.1059, 0.3426, 0.2497



41.0988, 0.3511, 0.2345



52.0637, 0.3857, 0.4120



11.9530, 0.3178, 0.3121



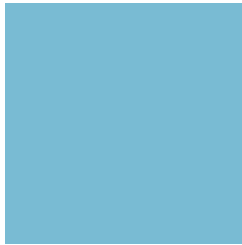
9.7984, 0.4016, 0.1986



0.5606, 0.3836, 0.1887

Previews

White Background



This preview shows how the Yxy color 44.3087, 0.2495, 0.2955 looks on a white background.

Color Contrast Check

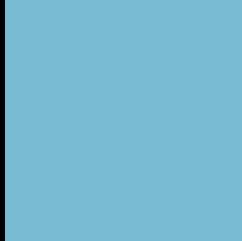
Large Text (above 18pt) WCAG AA × Fail

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 44.3087, 0.2495, 0.2955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

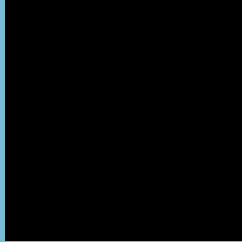
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.3087, 0.2495, 0.2955

Background



This preview shows how black text looks on a background with the Yxy color 44.3087, 0.2495, 0.2955.



This preview shows how white text looks on a background with the Yxy color 44.3087, 0.2495, 0.2955.

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

44.3087, 0.2495, 0.2955

Protanopia

43.7424, 0.2884, 0.2925

Deuteranopia

43.9723, 0.2835, 0.2771



Tritanopia

44.2002, 0.2531, 0.3076

Trichromacy



Original Color

44.3087, 0.2495, 0.2955

Protanomaly

43.4687, 0.2720, 0.2927

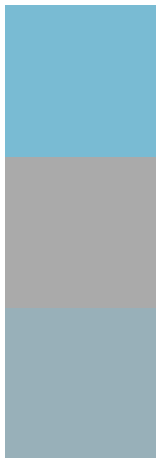
Deuteranomaly

43.7128, 0.2694, 0.2828

Tritanomaly

44.4157, 0.2520, 0.3036

Monochromacy



Original Color

44.3087, 0.2495, 0.2955

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

41.2289, 0.2856, 0.3163

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3087, 0.2495, 0.2955 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(121, 187, 211)` looks like.

```
.text, #text, p{  
    color:rgb(121, 187, 211)  
}
```

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(121, 187, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 187, 211) }
```

Border

The CSS property to change the border of an element to Yxy 44.3087, 0.2495, 0.2955 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(121, 187, 211) }
```

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

```
.border{ border-color:rgb(121, 187, 211) }
```

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

Here you see how a box with a 4 pixel rgb(121, 187, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 187, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 187, 211);  
box-shadow:4px 4px 4px 4px rgb(121, 187,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3087, 0.2495, 0.2955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 187, 211) }
```

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

```
.background{ background-color: rgb(121,  
187, 211) }
```

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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