

Converting Colors

$Yxy(44.8428, 0.2655, 0.2905)$

Have a look what the booklet for
Yxy(44.8428, 0.2655, 0.2905)
contains.

Yxy(44.9163, 0.2652, 0.2903)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(44.9163, 0.2652, 0.2903)

Conversions

Conversions Part 1

Format	Color
Hex	94B7D4
RGB	148, 183, 212
RGB Percent	58%, 72%, 83%
CMY	0.4194, 0.2824, 0.1687
CMYK	0.30, 0.14, 0.00, 0.17
HSL	207°, 43%, 71%
HSV	207°, 30%, 83%
XYZ	41.0327, 44.9163, 68.7747
YIQ	175.8410, -30.1690, 1.5990

Conversions

Conversions Part 2

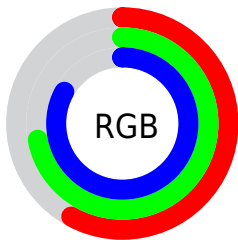
Format	Color
RYB	148, 171, 212
Decimal	9746388
CIELab	72.84, -5.03, -18.43
CIELCh	73, 19.107, 254.751
Yxy	44.9163, 0.2652, 0.2903
Android (android.graphics.Color)	4287936468 (0xFF94B7D4)
YUV	175.8410, 17.8264, -24.4166
Hunter-Lab	67.0196, -7.9978, -13.9289

Details

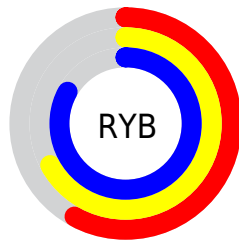
The Yxy color **44.9163, 0.2652, 0.2903** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **47.5849, 0.3695, 0.3647**, and the grayscale version is **43.2506, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.6495, 0.2810, 0.3120**, and **20.8325, 0.2520, 0.2794** is the 20% darker color. If you saturate the color by 10%, you get **39.2892, 0.2493, 0.2750**, and if you desaturate by 10%, it is **51.1795, 0.2812, 0.3044**.

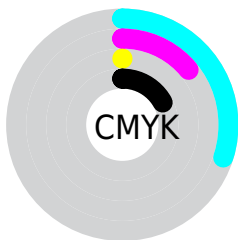
Distribution



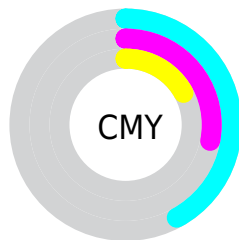
- Red (58%)
- Green (72%)
- Blue (83%)



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



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



- Cyan (42%)
- Magenta (28%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.9163, 0.2652, 0.2903 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 44.9163, 0.2652, 0.2903 by changing the saturation by 10% instead.

■ 44.9163, 0.2652,
0.2903

■ 44.9163, 0.2652,
0.2903

■ 366.4345, 0.2887,
0.3098

■ 31.3915, 0.2594,
0.2854

■ 82.5948, 0.2737,
0.2974

■ 20.8971, 0.2521,
0.2792

■ 107.5173, 0.2769,
0.3001

■ 13.0488, 0.2424,
0.2709

■ 137.0078, 0.2796,
0.3023

■ 7.4622, 0.2293,
0.2593

■ 171.4507, 0.2819,
0.3042

■ 3.7528, 0.2102,
0.2424

■ 211.2305, 0.2840,
0.3059

■ 1.5363, 0.1808,
0.2153

■ 256.7314, 0.2857,

■ 0.3140, 0.0769,

0.3074

0.1374

308.3379, 0.2873,
0.3086

0.0000, 0.0000,
0.0000

44.9163, 0.2652,
0.2903

44.9163, 0.2652,
0.2903

39.2892, 0.2493,
0.2750

51.1795, 0.2812,
0.3044

34.2678, 0.2340,
0.2586

58.0969, 0.2971,
0.3173

29.8266, 0.2198,
0.2414

65.6925, 0.3125,
0.3288

25.9358, 0.2070,
0.2237

73.9871, 0.3273,
0.3391

22.5620, 0.1962,
0.2060

83.0007, 0.3413,
0.3482

■ 19.6662, 0.1876,
0.1886

■ 88.7117, 0.3404,
0.3575

■ 17.2185, 0.1812,
0.1722

■ 94.5394, 0.3389,
0.3667

■ 97.5320, 0.3382,
0.3711

Harmonies

Analogous

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



44.9163, 0.2621, 0.3073



44.9163, 0.2652, 0.2903



44.9163, 0.2805, 0.2841

Triad

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



44.9163, 0.2652, 0.2903



44.9163, 0.3551, 0.3243



44.9163, 0.3188, 0.3734

Complementary

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



44.9163, 0.2652, 0.2903



47.5849, 0.3695, 0.3647

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.



44.9163, 0.3445, 0.3766



44.9163, 0.2652, 0.2903



44.9163, 0.3662, 0.3470

Square

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



44.9163, 0.2652, 0.2903



44.9163, 0.3323, 0.3036



44.9163, 0.3621, 0.3664



44.9163, 0.2922, 0.3565

Rectangle

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



44.9163, 0.2652, 0.2903



44.9163, 0.2960, 0.2863



44.9163, 0.3621, 0.3664



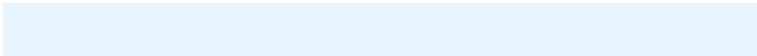
44.9163, 0.3278, 0.3761

Sweetspot

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



44.9181, 0.2652, 0.2903



89.4459, 0.2987, 0.3186



56.5398, 0.2905, 0.3761



18.7972, 0.2964, 0.3168



0.0000, 0.0000, 0.0000



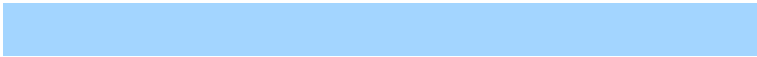
21.4041, 0.3127, 0.3290

Same Dimension

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



44.9181, 0.2652, 0.2903



62.8132, 0.2553, 0.2809



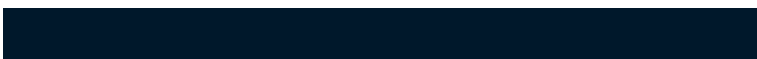
33.2637, 0.2602, 0.2458



13.1227, 0.2982, 0.3182



10.8357, 0.1818, 0.1746



0.8180, 0.1899, 0.2036

Inverse Universe

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



38.6060, 0.3436, 0.2866



52.3495, 0.3522, 0.2776



61.6230, 0.3590, 0.4005



12.5333, 0.3206, 0.3163



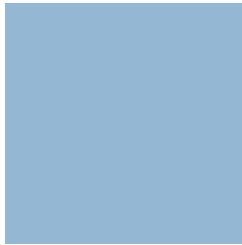
9.4387, 0.4751, 0.2391



0.5859, 0.4412, 0.2204

Previews

White Background



This preview shows how the Yxy color 44.9163, 0.2652, 0.2903 looks on a white background.

Color Contrast Check

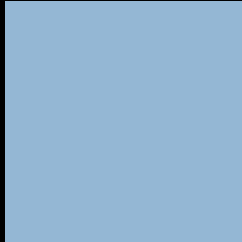
Large Text (above 18pt) WCAG AA × Fail

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 44.9163, 0.2652, 0.2903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

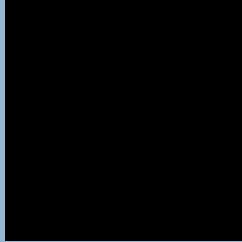
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

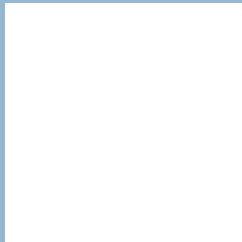
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.9163, 0.2652, 0.2903

Background



This preview shows how black text looks on a background with the Yxy color 44.9163, 0.2652, 0.2903.



This preview shows how white text looks on a background with the Yxy color 44.9163, 0.2652, 0.2903.

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

44.9163, 0.2652, 0.2903

Protanopia

44.7690, 0.2849, 0.2891

Deuteranopia

44.5921, 0.2851, 0.2786



Tritanopia

44.8878, 0.2710, 0.3084

Trichromacy



Original Color

44.9163, 0.2652, 0.2903

Protanomaly

44.6302, 0.2774, 0.2897

Deuteranomaly

44.4639, 0.2775, 0.2826

Tritanomaly

44.7516, 0.2690, 0.3017

Monochromacy



Original Color

44.9163, 0.2652, 0.2903

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

44.0213, 0.2941, 0.3155

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9163, 0.2652, 0.2903 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, 183, 212)` looks like.

```
.text, #text, p{  
    color:rgb(148, 183, 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, 183, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 183, 212) }
```

Border

The CSS property to change the border of an element to Yxy 44.9163, 0.2652, 0.2903 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, 183, 212) }
```

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

```
.border{ border-color:rgb(148, 183, 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, 183, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 183, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 183, 212);  
box-shadow:4px 4px 4px 4px rgb(148, 183,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9163, 0.2652, 0.2903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 183, 212) }
```

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

```
.background{ background-color: rgb(148,  
183, 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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