

Converting Colors

$Yxy(52.8369, 0.2645, 0.3080)$

Have a look what the booklet for
Yxy(52.8369, 0.2645, 0.3080)
contains.

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Color

Yxy(52.9861, 0.2643, 0.3082)

Conversions

Conversions Part 1

Format	Color
Hex	93C9D9
RGB	147, 201, 217
RGB Percent	58%, 79%, 85%
CMY	0.4237, 0.2117, 0.1489
CMYK	0.32, 0.07, 0.00, 0.15
HSL	194°, 48%, 71%
HSV	194°, 32%, 85%
XYZ	45.4388, 52.9861, 73.4963
YIQ	186.6780, -37.3200, -6.4720

Conversions

Conversions Part 2

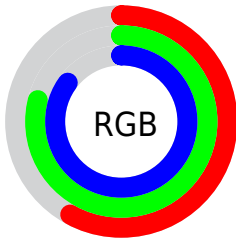
Format	Color
RYB	147, 177, 217
Decimal	9685465
CIELab	77.87, -13.64, -13.60
CIELCh	78, 19.262, 224.924
Yxy	52.9861, 0.2643, 0.3082
Android (android.graphics.Color)	4287875545 (0xFF93C9D9)
YUV	186.6780, 14.9487, -34.7976
Hunter-Lab	72.7916, -15.9599, -8.9099

Details

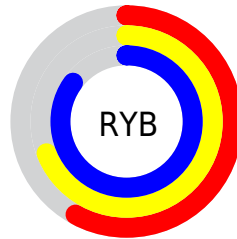
The Yxy color **52.9861, 0.2643, 0.3082** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.0415, 0.3806, 0.3487**, and the grayscale version is **49.4291, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4365, 0.2822, 0.3289**, and **25.8032, 0.2517, 0.3025** is the 20% darker color. If you saturate the color by 10%, you get **48.8930, 0.2507, 0.3007**, and if you desaturate by 10%, it is **57.5365, 0.2788, 0.3153**.

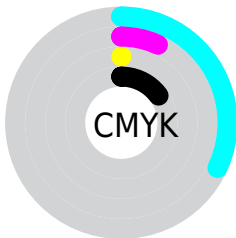
Distribution



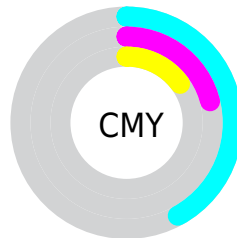
- Red (58%)
- Green (79%)
- Blue (85%)



- Red (58%)
- Yellow (69%)
- Blue (85%)



- Cyan (32%)
- Magenta (7%)
- Yellow (0%)
- Black (15%)





- Cyan (42%)
- Magenta (21%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.9861, 0.2643, 0.3082 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 52.9861, 0.2643, 0.3082 by changing the saturation by 10% instead.


 52.9861, 0.2643,
0.3082

 52.9861, 0.2643,
0.3082


398.2318, 0.2876,
0.3187

 37.7917, 0.2588,
0.3055


 94.5839, 0.2726,
0.3121

 25.8210, 0.2518,
0.3021


 121.7561, 0.2757,
0.3135

 16.6898, 0.2429,
0.2976


153.6896, 0.2784,
0.3147

 10.0136, 0.2309,
0.2913

190.7690, 0.2807,
0.3157

 5.4080, 0.2140,
0.2819

233.3784, 0.2828,
0.3166

 2.4886, 0.1889,
0.2667

281.9025, 0.2846,

 0.8709, 0.1375,

0.3174

0.2419

336.7255, 0.2862,
0.3181

0.0000, 0.0000,
0.0000

52.9861, 0.2643,
0.3082

52.9861, 0.2643,
0.3082

48.8930, 0.2507,
0.3007

57.5365, 0.2788,
0.3153

45.2289, 0.2384,
0.2927

62.5582, 0.2938,
0.3218

41.9717, 0.2276,
0.2845

68.0723, 0.3092,
0.3277

39.0944, 0.2186,
0.2760

74.0967, 0.3245,
0.3331

36.5661, 0.2115,
0.2675

80.5610, 0.3394,
0.3379

■ 34.3498, 0.2064,
0.2591

■ 83.2946, 0.3386,
0.3428

■ 32.8069, 0.2035,
0.2527

■ 86.1068, 0.3379,
0.3477

■ 88.9983, 0.3372,
0.3525

■ 91.9697, 0.3365,
0.3572

Harmonies

Analogous

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



52.9861, 0.2735, 0.3314



52.9861, 0.2643, 0.3082



52.9861, 0.2674, 0.2920

Triad

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



52.9861, 0.2643, 0.3082



52.9861, 0.3315, 0.3048



52.9861, 0.3430, 0.3744

Complementary

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



52.9861, 0.2643, 0.3082



43.0415, 0.3806, 0.3487

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.



52.9861, 0.3598, 0.3648



52.9861, 0.2643, 0.3082



52.9861, 0.3532, 0.3247

Square

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



52.9861, 0.2643, 0.3082



52.9861, 0.3053, 0.2909



52.9861, 0.3637, 0.3464



52.9861, 0.3184, 0.3712

Rectangle

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



52.9861, 0.2643, 0.3082



52.9861, 0.2760, 0.2869



52.9861, 0.3637, 0.3464



52.9861, 0.3497, 0.3725

Sweetspot

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



52.9882, 0.2643, 0.3082



91.8185, 0.2972, 0.3231



58.4514, 0.2990, 0.4029



19.4194, 0.2950, 0.3223



0.0000, 0.0000, 0.0000



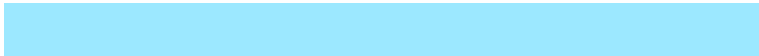
21.4041, 0.3127, 0.3290

Same Dimension

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



52.9882, 0.2643, 0.3082



72.1101, 0.2546, 0.3029



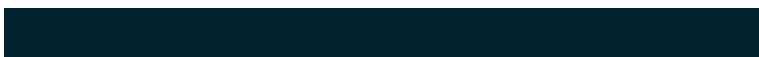
38.7742, 0.2586, 0.2616



14.2986, 0.2982, 0.3235



20.0202, 0.2039, 0.2539



1.4228, 0.2077, 0.2675

Inverse Universe

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



39.8241, 0.3312, 0.2659



50.7279, 0.3363, 0.2522



56.8712, 0.3679, 0.3883



13.2213, 0.3172, 0.3111



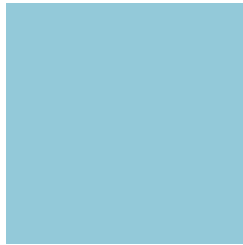
10.6448, 0.3884, 0.1913



0.7023, 0.3751, 0.1840

Previews

White Background



This preview shows how the Yxy color 52.9861, 0.2643, 0.3082 looks on a white background.

Color Contrast Check

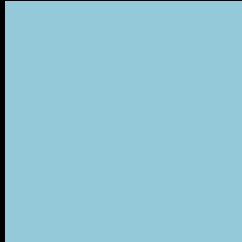
Large Text (above 18pt) WCAG AA × Fail

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 52.9861, 0.2643, 0.3082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

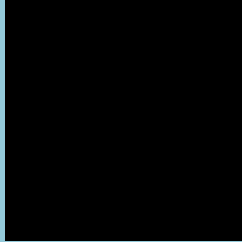
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

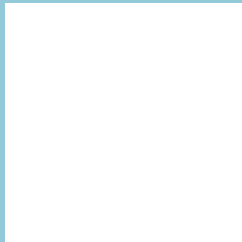
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.9861, 0.2643, 0.3082

Background



This preview shows how black text looks on a background with the Yxy color 52.9861, 0.2643, 0.3082.



This preview shows how white text looks on a background with the Yxy color 52.9861, 0.2643, 0.3082.

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

52.9861, 0.2643, 0.3082

Protanopia

52.8619, 0.2980, 0.3059

Deuteranopia

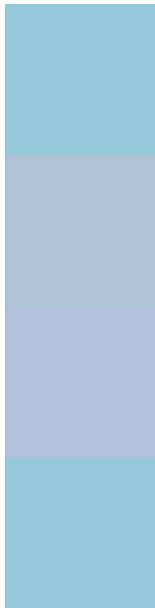
52.5783, 0.2962, 0.2900



Tritanopia

52.9861, 0.2643, 0.3082

Trichromacy



Original Color

52.9861, 0.2643, 0.3082

Protanomaly

52.8330, 0.2841, 0.3065

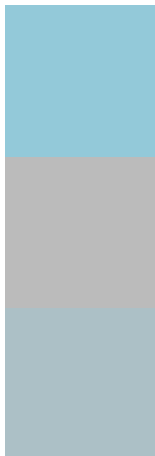
Deuteranomaly

52.3975, 0.2836, 0.2959

Tritanomaly

52.9861, 0.2643, 0.3082

Monochromacy



Original Color

52.9861, 0.2643, 0.3082

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.5471, 0.2927, 0.3212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.9861, 0.2643, 0.3082 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(147, 201, 217)` looks like.

```
.text, #text, p{  
    color:rgb(147, 201, 217)  
}
```

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(147, 201, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 201, 217) }
```

Border

The CSS property to change the border of an element to Yxy 52.9861, 0.2643, 0.3082 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(147, 201, 217) }
```

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

```
.border{ border-color:rgb(147, 201, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 201, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 201, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 201, 217);  
box-shadow:4px 4px 4px 4px rgb(147, 201,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 52.9861, 0.2643, 0.3082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 201, 217) }
```

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

```
.background{ background-color: rgb(147,  
201, 217) }
```

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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