

Converting Colors

$Y_{xy}(44.0040, 0.2298, 0.2818)$

Have a look what the booklet for
Yxy(44.0040, 0.2298, 0.2818)
contains.

Yxy(43.9982, 0.2298, 0.2814)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(43.9982, 0.2298, 0.2814)

Conversions

Conversions Part 1

Format	Color
Hex	5CBDDF
RGB	92, 189, 223
RGB Percent	36%, 74%, 87%
CMY	0.6393, 0.2588, 0.1254
CMYK	0.59, 0.15, 0.00, 0.13
HSL	196°, 67%, 62%
HSV	196°, 59%, 87%
XYZ	35.9303, 43.9982, 76.4262
YIQ	163.8730, -68.7260, -9.9900

Conversions

Conversions Part 2

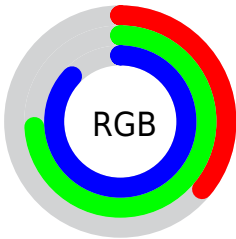
Format	Color
R_{YB}	92, 148, 223
Decimal	6077919
CIE _{Lab}	72.23, -18.76, -25.63
CIE _{LCh}	72, 31.759, 233.793
Yxy	43.9982, 0.2298, 0.2814
Android (android.graphics.Color)	4284267999 (0xFF5CBDDF)
YUV	163.8730, 29.1496, -63.0326
Hunter-Lab	66.3311, -19.3895, -21.8816

Details

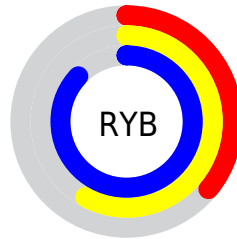
The Yxy color **43.9982, 0.2298, 0.2814** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **31.3833, 0.4670, 0.3680**, and the grayscale version is **36.9422, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.2002, 0.2552, 0.3176**, and **20.4806, 0.2084, 0.2674** is the 20% darker color. If you saturate the color by 10%, you get **40.5745, 0.2197, 0.2718**, and if you desaturate by 10%, it is **47.8625, 0.2416, 0.2908**.

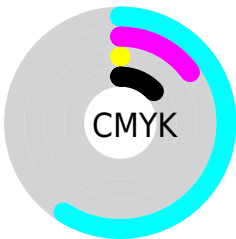
Distribution



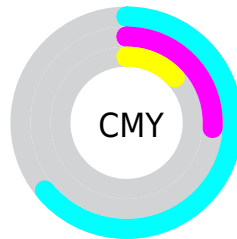
- Red (36%)
- Green (74%)
- Blue (87%)



- Red (36%)
- Yellow (58%)
- Blue (87%)



- Cyan (59%)
- Magenta (15%)
- Yellow (0%)
- Black (13%)




- Cyan (64%)
- Magenta (26%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.9982, 0.2298, 0.2814 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 43.9982, 0.2298, 0.2814 by changing the saturation by 10% instead.

 43.9982, 0.2298,
0.2814


 43.9982, 0.2298,
0.2814


362.7009, 0.2701,
0.3061

 30.6691, 0.2202,
0.2751


 81.2150, 0.2441,
0.2905


 20.3470, 0.2082,
0.2669


 105.8716, 0.2496,
0.2939

 12.6475, 0.1927,
0.2560


 135.0727, 0.2543,
0.2967

 7.1863, 0.1723,
0.2408

 169.2028, 0.2583,
0.2992

 3.5789, 0.1445,
0.2184

208.6462, 0.2618,
0.3013

 1.4409, 0.1055,
0.1835

253.7875, 0.2649,

 0.2466, 0.0000,

0.3031

0.0889

305.0109, 0.2677,
0.3047

■ 0.0000, 0.0000,
0.0000

■ 43.9982, 0.2298,
0.2814

■ 43.9982, 0.2298,
0.2814

■ 40.5745, 0.2197,
0.2718

■ 47.8625, 0.2416,
0.2908

■ 37.5547, 0.2115,
0.2620

■ 52.1907, 0.2548,
0.2998

■ 34.9032, 0.2053,
0.2522

■ 57.0096, 0.2690,
0.3082

■ 32.5636, 0.2009,
0.2426

■ 62.3424, 0.2839,
0.3160

■ 32.2860, 0.2004,
0.2414

■ 68.2108, 0.2992,
0.3232

74.6349, 0.3146,
0.3298

81.6337, 0.3299,
0.3356

86.1883, 0.3340,
0.3412

89.5636, 0.3333,
0.3469

Harmonies

Analogous

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



43.9982, 0.2387, 0.3188



43.9982, 0.2298, 0.2814



43.9982, 0.2407, 0.2603

Triad

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



43.9982, 0.2298, 0.2814



43.9982, 0.3581, 0.2966



43.9982, 0.3523, 0.4108

Complementary

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



43.9982, 0.2298, 0.2814



31.3833, 0.4670, 0.3680

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.



43.9982, 0.3877, 0.3971



43.9982, 0.2298, 0.2814



43.9982, 0.3923, 0.3309

Square

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



43.9982, 0.2298, 0.2814



43.9982, 0.3125, 0.2703



43.9982, 0.4031, 0.3671



43.9982, 0.3078, 0.3993

Rectangle

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



43.9982, 0.2298, 0.2814



43.9982, 0.2584, 0.2562



43.9982, 0.4031, 0.3671



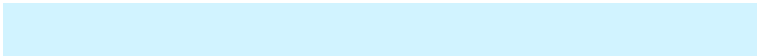
43.9982, 0.3657, 0.4087

Sweetspot

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



43.9998, 0.2298, 0.2814



84.9420, 0.2849, 0.3165



56.5354, 0.2888, 0.4734



17.7090, 0.2804, 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.



43.9998, 0.2298, 0.2814



53.7867, 0.2172, 0.2690



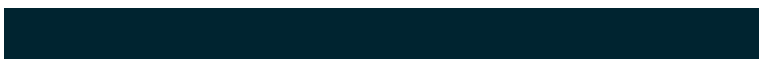
22.2031, 0.2086, 0.1850



14.9386, 0.2982, 0.3228



19.1714, 0.2008, 0.2429



1.4712, 0.2049, 0.2577

Inverse Universe

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



27.0154, 0.3575, 0.2223



30.7051, 0.3709, 0.2068



53.4036, 0.4167, 0.4378



13.8717, 0.3177, 0.3118



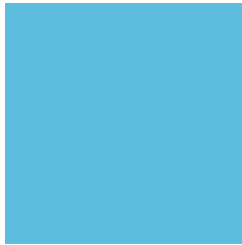
10.8434, 0.3994, 0.1974



0.7660, 0.3846, 0.1892

Previews

White Background



This preview shows how the Yxy color 43.9982, 0.2298, 0.2814 looks on a white background.

Color Contrast Check

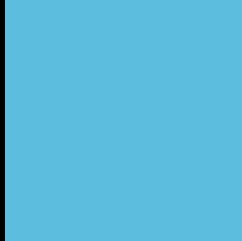
Large Text (above 18pt) WCAG AA × Fail

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 43.9982, 0.2298, 0.2814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

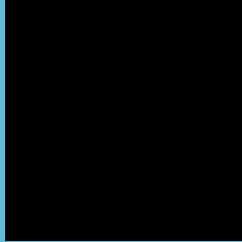
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.9982, 0.2298, 0.2814

Background



This preview shows how black text looks on a background with the Yxy color 43.9982, 0.2298, 0.2814.

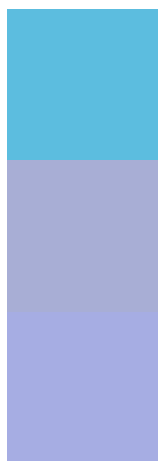


This preview shows how white text looks on a background with the Yxy color 43.9982, 0.2298, 0.2814.

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

43.9982, 0.2298, 0.2814

Protanopia

43.4010, 0.2780, 0.2787

Deuteranopia

43.5402, 0.2670, 0.2610



Tritanopia

44.1356, 0.2355, 0.3070

Trichromacy



Original Color

43.9982, 0.2298, 0.2814

Protanomaly

42.8254, 0.2560, 0.2779

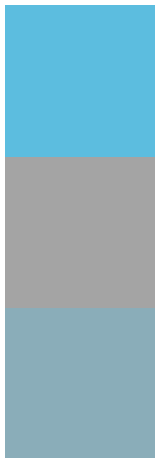
Deuteranomaly

43.2202, 0.2502, 0.2670

Tritanomaly

44.1404, 0.2335, 0.2973

Monochromacy



Original Color

43.9982, 0.2298, 0.2814

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

38.7932, 0.2744, 0.3114

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9982, 0.2298, 0.2814 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(92, 189, 223)` looks like.

```
.text, #text, p{  
    color:rgb(92, 189, 223)  
}
```

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(92, 189, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 189, 223) }
```

Border

The CSS property to change the border of an element to Yxy 43.9982, 0.2298, 0.2814 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(92, 189, 223) }
```

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

```
.border{ border-color:rgb(92, 189, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 189, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 189, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 189, 223);  
box-shadow:4px 4px 4px 4px rgb(92, 189,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9982, 0.2298, 0.2814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 189, 223) }
```

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

```
.background{ background-color: rgb(92, 189,  
223) }
```

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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