

Converting Colors

$Y_{xy}(49.3261, 0.2674, 0.3142)$

Have a look what the booklet for
Yxy(49.3261, 0.2674, 0.3142)
contains.

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Color

Yxy(49.3261, 0.2674, 0.3142)

Conversions

Conversions Part 1

Format	Color
Hex	8FC3CE
RGB	143, 195, 206
RGB Percent	56%, 76%, 81%
CMY	0.4393, 0.2353, 0.1923
CMYK	0.31, 0.05, 0.00, 0.19
HSL	190°, 39%, 68%
HSV	190°, 31%, 81%
XYZ	41.9790, 49.3261, 65.6844
YIQ	180.7060, -34.5230, -7.6030

Conversions

Conversions Part 2

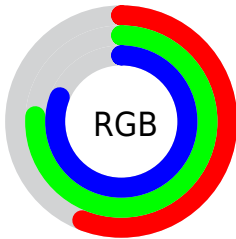
Format	Color
RYB	143, 171, 206
Decimal	9421774
CIELab	75.65, -14.28, -10.97
CIELCh	76, 18.009, 217.516
Yxy	49.3261, 0.2674, 0.3142
Android (android.graphics.Color)	4287611854 (0xFF8FC3CE)
YUV	180.7060, 12.4699, -33.0682
Hunter-Lab	70.2325, -16.2150, -6.2877

Details

The Yxy color **49.3261, 0.2674, 0.3142** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.1972, 0.3770, 0.3432**, and the grayscale version is **45.9859, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.8466, 0.2792, 0.3258**, and **23.4904, 0.2550, 0.3086** is the 20% darker color. If you saturate the color by 10%, you get **46.0678, 0.2542, 0.3086**, and if you desaturate by 10%, it is **52.9645, 0.2816, 0.3195**.

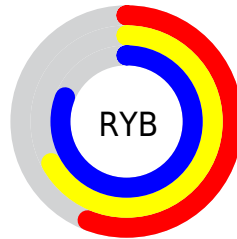
Distribution



Red (56%)

Green (76%)

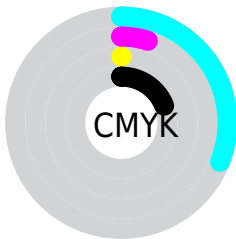
Blue (81%)



Red (56%)

Yellow (67%)

Blue (81%)

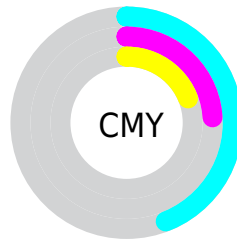


Cyan (31%)

Magenta (5%)

Yellow (0%)

Black (19%)



Cyan (44%)

Magenta (24%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.3261, 0.2674, 0.3142 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 49.3261, 0.2674, 0.3142 by changing the saturation by 10% instead.

■ 49.3261, 0.2674,
0.3142

■ 49.3261, 0.2674,
0.3142

■ 384.0247, 0.2895,
0.3219

■ 34.8782, 0.2621,
0.3122

■ 89.1756, 0.2753,
0.3171

■ 23.5691, 0.2553,
0.3096

■ 115.3460, 0.2783,
0.3181

■ 15.0143, 0.2465,
0.3061

■ 146.1927, 0.2809,
0.3190

■ 8.8294, 0.2345,
0.3011

■ 182.1001, 0.2831,
0.3197

■ 4.6301, 0.2174,
0.2933

■ 223.4527, 0.2850,
0.3204

■ 2.0319, 0.1912,
0.2803

■ 270.6347, 0.2867,


■ 0.6259, 0.1023,


0.3210


0.2602

324.0305, 0.2882,
0.3215


 0.0000, 0.0000,
0.0000


 49.3261, 0.2674,
0.3142


 49.3261, 0.2674,
0.3142


 46.0678, 0.2542,
0.3086

 52.9645, 0.2816,
0.3195


 43.1648, 0.2422,
0.3027

 56.9943, 0.2965,
0.3243


 40.5985, 0.2319,
0.2966

 61.4338, 0.3118,
0.3288

 38.3463, 0.2233,
0.2904

 66.2981, 0.3272,
0.3328

 36.3818, 0.2167,
0.2841

 71.6016, 0.3425,
0.3364

■ 34.6743, 0.2120,
0.2778

■ 75.0965, 0.3488,
0.3398

■ 33.2477, 0.2089,
0.2720

■ 76.9600, 0.3481,
0.3434

■ 78.8639, 0.3474,
0.3470

■ 80.8084, 0.3468,
0.3506

Harmonies

Analogous

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



49.3261, 0.2790, 0.3372



49.3261, 0.2674, 0.3142



49.3261, 0.2674, 0.2966

Triad

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



49.3261, 0.2674, 0.3142



49.3261, 0.3247, 0.3018



49.3261, 0.3466, 0.3713

Complementary

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



49.3261, 0.2674, 0.3142



38.1972, 0.3770, 0.3432

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.



49.3261, 0.3600, 0.3596



49.3261, 0.2674, 0.3142



49.3261, 0.3472, 0.3199

Square

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



49.3261, 0.2674, 0.3142



49.3261, 0.2997, 0.2904



49.3261, 0.3603, 0.3407



49.3261, 0.3244, 0.3713

Rectangle

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



49.3261, 0.2674, 0.3142



49.3261, 0.2739, 0.2899



49.3261, 0.3603, 0.3407



49.3261, 0.3523, 0.3685

Sweetspot

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



49.3281, 0.2674, 0.3142



93.3813, 0.2988, 0.3250



52.2854, 0.3018, 0.4027



19.7697, 0.2965, 0.3243



0.0000, 0.0000, 0.0000



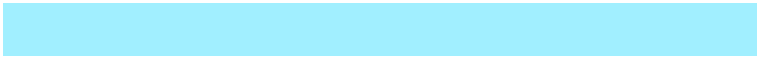
21.4041, 0.3127, 0.3290

Same Dimension

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



49.3281, 0.2674, 0.3142



76.2445, 0.2582, 0.3104



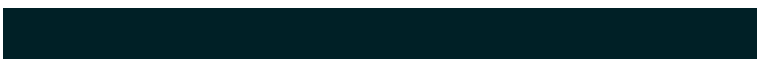
36.8388, 0.2624, 0.2705



12.3817, 0.2983, 0.3249



20.6049, 0.2092, 0.2729



1.1527, 0.2125, 0.2850

Inverse Universe

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



36.7002, 0.3266, 0.2656



52.8344, 0.3304, 0.2514



49.7905, 0.3656, 0.3812



11.3689, 0.3164, 0.3101



9.8831, 0.3701, 0.1812



0.5189, 0.3589, 0.1751

Previews

White Background



This preview shows how the Yxy color 49.3261, 0.2674, 0.3142 looks on a white background.

Color Contrast Check

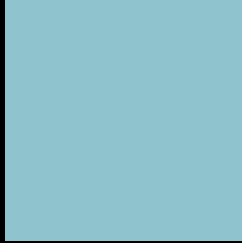
Large Text (above 18pt) WCAG AA × Fail

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 49.3261, 0.2674, 0.3142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

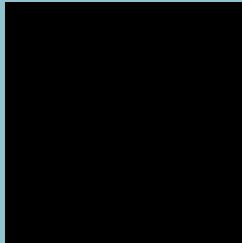
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

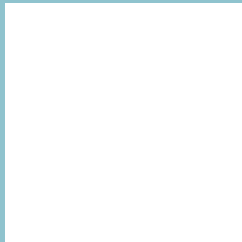
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.3261, 0.2674, 0.3142

Background



This preview shows how black text looks on a background with the Yxy color 49.3261, 0.2674, 0.3142.

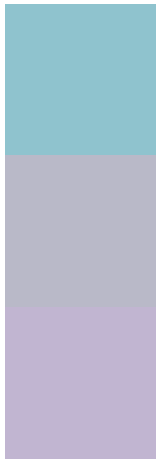


This preview shows how white text looks on a background with the Yxy color 49.3261, 0.2674, 0.3142.

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

49.3261, 0.2674, 0.3142

Protanopia

49.1823, 0.3013, 0.3101

Deuteranopia

48.9887, 0.3011, 0.2948



Tritanopia

49.1660, 0.2655, 0.3076

Trichromacy



Original Color

49.3261, 0.2674, 0.3142

Protanomaly

49.2055, 0.2883, 0.3122

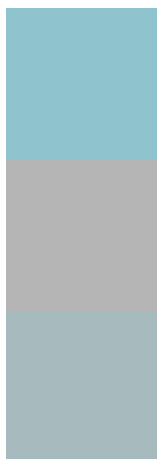
Deuteranomaly

48.7858, 0.2877, 0.3011

Tritanomaly

49.1163, 0.2661, 0.3089

Monochromacy



Original Color

49.3261, 0.2674, 0.3142

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

47.0510, 0.2943, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.3261, 0.2674, 0.3142 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(143, 195, 206)` looks like.

```
.text, #text, p{  
    color:rgb(143, 195, 206)  
}
```

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(143, 195, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 195, 206) }
```

Border

The CSS property to change the border of an element to Yxy 49.3261, 0.2674, 0.3142 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(143, 195, 206) }
```

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

```
.border{ border-color:rgb(143, 195, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 195, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 195, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 195, 206);  
box-shadow:4px 4px 4px 4px rgb(143, 195,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 49.3261, 0.2674, 0.3142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 195, 206) }
```

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

```
.background{ background-color: rgb(143,  
195, 206) }
```

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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