

Converting Colors

$Yxy(41.3076, 0.2777, 0.3272)$

Have a look what the booklet for
Yxy(41.3076, 0.2777, 0.3272)
contains.

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Color

Yxy(41.3820, 0.2781, 0.3275)

Conversions

Conversions Part 1

Format	Color
Hex	8AB4B5
RGB	138, 180, 181
RGB Percent	54%, 71%, 71%
CMY	0.4588, 0.2941, 0.2903
CMYK	0.24, 0.01, 0.00, 0.29
HSL	181°, 22%, 63%
HSV	181°, 24%, 71%
XYZ	35.1400, 41.3820, 49.8353
YIQ	167.5560, -25.3530, -8.5930

Conversions

Conversions Part 2

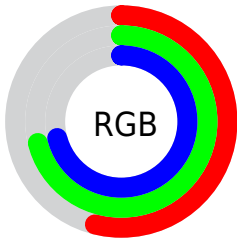
Format	Color
R_{YB}	138, 159, 181
Decimal	9090229
CIE _{Lab}	70.44, -13.74, -5.09
CIE _{LCh}	70, 14.652, 200.334
Yxy	41.3820, 0.2781, 0.3275
Android (android.graphics.Color)	4287280309 (0xFF8AB4B5)
YUV	167.5560, 6.6279, -25.9206
Hunter-Lab	64.3288, -15.0690, -0.9015

Details

The Yxy color **41.3820, 0.2781, 0.3275** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **30.1091, 0.3608, 0.3305**, and the grayscale version is **38.9051, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.3118, 0.2842, 0.3278**, and **18.7635, 0.2685, 0.3268** is the 20% darker color. If you saturate the color by 10%, you get **39.8030, 0.2653, 0.3268**, and if you desaturate by 10%, it is **43.2221, 0.2921, 0.3282**.

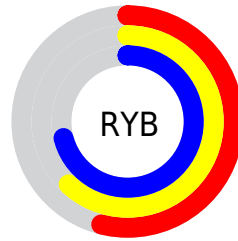
Distribution



Red (54%)

Green (71%)

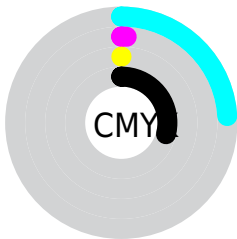
Blue (71%)



Red (54%)

Yellow (62%)

Blue (71%)

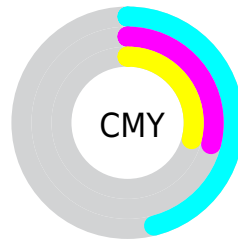


Cyan (24%)

Magenta (1%)

Yellow (0%)

Black (29%)



Cyan (46%)


Magenta (29%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.3820, 0.2781, 0.3275 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 41.3820, 0.2781, 0.3275 by changing the saturation by 10% instead.


 41.3820, 0.2781,
0.3275

 41.3820, 0.2781,
0.3275


351.9147, 0.2956,
0.3285


 28.6177, 0.2737,
0.3272

 77.2634, 0.2845,
0.3279

 18.7918, 0.2680,
0.3267


 101.1494, 0.2869,
0.3280

 11.5199, 0.2603,
0.3260


 129.5113, 0.2889,
0.3282

 6.4177, 0.2495,
0.3249

162.7336, 0.2906,
0.3282

 3.1007, 0.2332,
0.3228

201.2007, 0.2921,
0.3283

 1.1845, 0.2052,
0.3184

245.2970, 0.2934,

 0.0490, 0.0000,

0.3284

0.1069

295.4068, 0.2946,
0.3284

0.0000, 0.0000,
0.0000

41.3820, 0.2781,
0.3275

41.3820, 0.2781,
0.3275

39.8030, 0.2653,
0.3268

43.2221, 0.2921,
0.3282

38.4672, 0.2539,
0.3261

45.3300, 0.3070,
0.3288

37.3626, 0.2442,
0.3253

47.7185, 0.3225,
0.3294

36.4738, 0.2363,
0.3246

50.3982, 0.3383,
0.3299

35.7840, 0.2303,
0.3238

53.3789, 0.3541,
0.3303

■ 35.2735, 0.2262,
0.3231

■ 56.6702, 0.3698,
0.3308

■ 34.9188, 0.2237,
0.3224

■ 58.3992, 0.3770,
0.3312

■ 34.7452, 0.2228,
0.3219

■ 58.5667, 0.3769,
0.3316

■ 58.7346, 0.3767,
0.3320

Harmonies

Analogous

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



41.3820, 0.2931, 0.3472



41.3820, 0.2781, 0.3275



41.3820, 0.2722, 0.3090

Triad

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



41.3820, 0.2781, 0.3275



41.3820, 0.3106, 0.2988



41.3820, 0.3498, 0.3608

Complementary

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



41.3820, 0.2781, 0.3275



30.1091, 0.3608, 0.3305

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.



41.3820, 0.3550, 0.3468



41.3820, 0.2781, 0.3275



41.3820, 0.3320, 0.3116

Square

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



41.3820, 0.2781, 0.3275



41.3820, 0.2904, 0.2934



41.3820, 0.3485, 0.3289



41.3820, 0.3345, 0.3667

Rectangle

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



41.3820, 0.2781, 0.3275



41.3820, 0.2740, 0.3000



41.3820, 0.3485, 0.3289



41.3820, 0.3528, 0.3569

Sweetspot

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



41.3837, 0.2781, 0.3275



79.8857, 0.3019, 0.3286



40.2948, 0.3091, 0.3937



17.2178, 0.3010, 0.3285



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



41.3837, 0.2781, 0.3275



72.7503, 0.2719, 0.3272



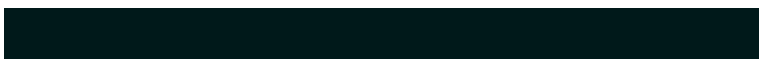
33.4547, 0.2755, 0.2957



9.5982, 0.2986, 0.3284



23.9755, 0.2228, 0.3220



0.7646, 0.2233, 0.3240

Inverse Universe

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



31.2921, 0.3164, 0.2722



51.8278, 0.3172, 0.2608



36.8664, 0.3541, 0.3602



8.6434, 0.3141, 0.3071



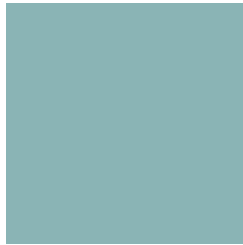
8.9605, 0.3265, 0.1572



0.2830, 0.3248, 0.1563

Previews

White Background



This preview shows how the Yxy color 41.3820, 0.2781, 0.3275 looks on a white background.

Color Contrast Check

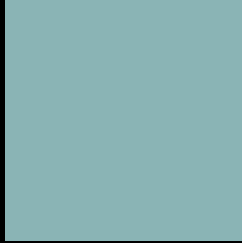
Large Text (above 18pt) WCAG AA × Fail

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 41.3820, 0.2781, 0.3275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

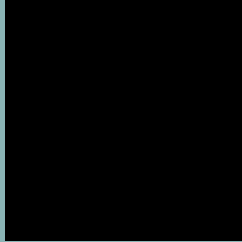
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.3820, 0.2781, 0.3275

Background



This preview shows how black text looks on a background with the Yxy color 41.3820, 0.2781, 0.3275.

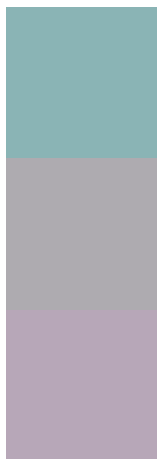


This preview shows how white text looks on a background with the Yxy color 41.3820, 0.2781, 0.3275.

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

41.3820, 0.2781, 0.3275

Protanopia

41.2591, 0.3112, 0.3222

Deuteranopia

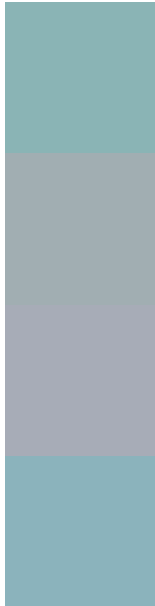
41.1654, 0.3129, 0.3066



Tritanopia

41.2220, 0.2718, 0.3090

Trichromacy



Original Color

41.3820, 0.2781, 0.3275

Protanomaly

41.0635, 0.2982, 0.3234

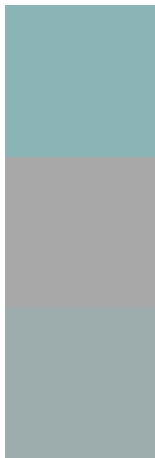
Deuteranomaly

41.1394, 0.2994, 0.3139

Tritanomaly

41.3600, 0.2739, 0.3160

Monochromacy



Original Color

41.3820, 0.2781, 0.3275

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.6903, 0.2987, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3820, 0.2781, 0.3275 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(138, 180, 181)` looks like.

```
.text, #text, p{  
    color:rgb(138, 180, 181)  
}
```

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(138, 180, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 180, 181) }
```

Border

The CSS property to change the border of an element to Yxy 41.3820, 0.2781, 0.3275 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(138, 180, 181) }
```

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

```
.border{ border-color:rgb(138, 180, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 180, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 180, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 180, 181);  
box-shadow:4px 4px 4px 4px rgb(138, 180,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3820, 0.2781, 0.3275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 180, 181) }
```

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

```
.background{ background-color: rgb(138,  
180, 181) }
```

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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