

Converting Colors

$Y_{xy}(41.1109, 0.2802, 0.3275)$

Have a look what the booklet for
Yxy(41.1109, 0.2802, 0.3275)
contains.

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Color

Yxy(41.1109, 0.2802, 0.3275)

Conversions

Conversions Part 1

Format	Color
Hex	8CB3B4
RGB	140, 179, 180
RGB Percent	55%, 70%, 71%
CMY	0.4509, 0.2980, 0.2942
CMYK	0.22, 0.01, 0.00, 0.29
HSL	181°, 21%, 63%
HSV	181°, 22%, 71%
XYZ	35.1734, 41.1109, 49.2452
YIQ	167.4530, -23.5650, -7.9570

Conversions

Conversions Part 2

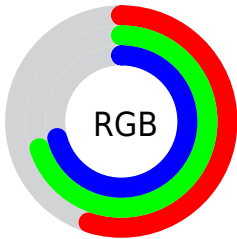
Format	Color
R_{YB}	140, 160, 180
Decimal	9221044
CIE _{Lab}	70.25, -12.81, -4.81
CIE _{LCh}	70, 13.682, 200.569
Yxy	41.1109, 0.2802, 0.3275
Android (android.graphics.Color)	4287411124 (0xFF8CB3B4)
YUV	167.4530, 6.1857, -24.0763
Hunter-Lab	64.1178, -14.2856, -0.6548

Details

The Yxy color **41.1109, 0.2802, 0.3275** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **30.6403, 0.3568, 0.3305**, and the grayscale version is **38.8556, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.9421, 0.2859, 0.3278**, and **18.5779, 0.2711, 0.3268** is the 20% darker color. If you saturate the color by 10%, you get **39.5000, 0.2672, 0.3268**, and if you desaturate by 10%, it is **42.9814, 0.2944, 0.3282**.

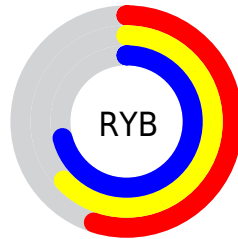
Distribution



Red (55%)

Green (70%)

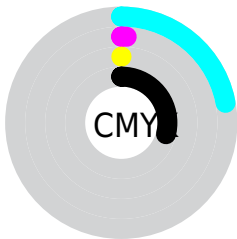
Blue (71%)



Red (55%)

Yellow (63%)

Blue (71%)

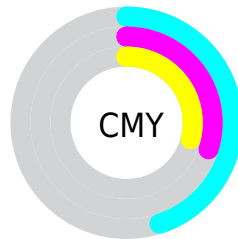


Cyan (22%)

Magenta (1%)

Yellow (0%)

Black (29%)



Cyan (45%)


Magenta (30%)


Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.1109, 0.2802, 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 41.1109, 0.2802, 0.3275 by changing the saturation by 10% instead.


 41.1109, 0.2802,
0.3275

 41.1109, 0.2802,
0.3275


350.7839, 0.2967,
0.3285


 28.4057, 0.2760,
0.3272


 76.8522, 0.2862,
0.3279

 18.6317, 0.2706,
0.3268


 100.6572, 0.2885,
0.3280

 11.4045, 0.2634,
0.3261


 128.9308, 0.2904,
0.3281

 6.3396, 0.2531,
0.3250

162.0576, 0.2920,
0.3282

 3.0527, 0.2376,
0.3231

200.4220, 0.2934,
0.3283

 1.1593, 0.2108,
0.3190

244.4082, 0.2946,

 0.0281, 0.0000,

0.3284

0.0711

294.4007, 0.2957,
0.3284

0.0000, 0.0000,
0.0000

41.1109, 0.2802,
0.3275

41.1109, 0.2802,
0.3275

39.5000, 0.2672,
0.3268

42.9814, 0.2944,
0.3282

38.1313, 0.2556,
0.3260

45.1180, 0.3093,
0.3289

36.9930, 0.2456,
0.3252

47.5334, 0.3249,
0.3295

36.0704, 0.2374,
0.3244

50.2376, 0.3407,
0.3300

35.3469, 0.2310,
0.3236

53.2406, 0.3565,
0.3305

■ 34.8037, 0.2266,
0.3228

■ 56.5516, 0.3722,
0.3309

■ 34.4184, 0.2239,
0.3220

■ 58.0331, 0.3781,
0.3314

■ 34.1915, 0.2226,
0.3214

■ 58.2121, 0.3780,
0.3318

■ 58.3917, 0.3778,
0.3323

Harmonies

Analogous

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



41.1109, 0.2942, 0.3459



41.1109, 0.2802, 0.3275



41.1109, 0.2747, 0.3103

Triad

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



41.1109, 0.2802, 0.3275



41.1109, 0.3109, 0.3008



41.1109, 0.3473, 0.3589

Complementary

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



41.1109, 0.2802, 0.3275



30.6403, 0.3568, 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.



41.1109, 0.3523, 0.3458



41.1109, 0.2802, 0.3275



41.1109, 0.3309, 0.3128

Square

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



41.1109, 0.2802, 0.3275



41.1109, 0.2920, 0.2956



41.1109, 0.3462, 0.3291



41.1109, 0.3330, 0.3643

Rectangle

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



41.1109, 0.2802, 0.3275



41.1109, 0.2764, 0.3018



41.1109, 0.3462, 0.3291



41.1109, 0.3502, 0.3552

Sweetspot

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



41.1126, 0.2802, 0.3275



79.8686, 0.3019, 0.3285



40.1218, 0.3093, 0.3889



17.2138, 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.



41.1126, 0.2802, 0.3275



72.9764, 0.2732, 0.3271



33.7812, 0.2781, 0.2981



9.5955, 0.2986, 0.3284



23.8871, 0.2226, 0.3215



0.7626, 0.2232, 0.3236

Inverse Universe

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



31.7168, 0.3162, 0.2760



52.7044, 0.3171, 0.2634



36.9655, 0.3510, 0.3580



8.6431, 0.3141, 0.3071



8.9516, 0.3270, 0.1575



0.2828, 0.3252, 0.1565

Previews

White Background



This preview shows how the Yxy color 41.1109, 0.2802, 0.3275 looks on a white background.

Color Contrast Check

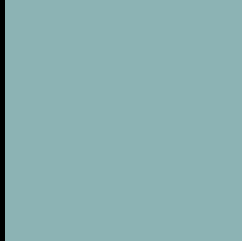
Large Text (above 18pt) WCAG AA × Fail

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 41.1109, 0.2802, 0.3275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

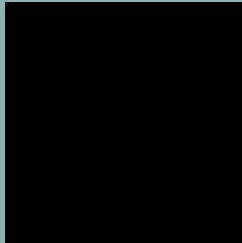
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

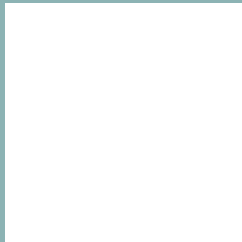
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.1109, 0.2802, 0.3275

Background



This preview shows how black text looks on a background with the Yxy color 41.1109, 0.2802, 0.3275.

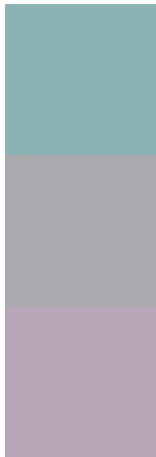


This preview shows how white text looks on a background with the Yxy color 41.1109, 0.2802, 0.3275.

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

41.1109, 0.2802, 0.3275

Protanopia

40.7288, 0.3112, 0.3222

Deuteranopia

40.7586, 0.3138, 0.3066



Tritanopia

40.9567, 0.2738, 0.3091

Trichromacy



Original Color

41.1109, 0.2802, 0.3275

Protanomaly

40.6385, 0.2990, 0.3234

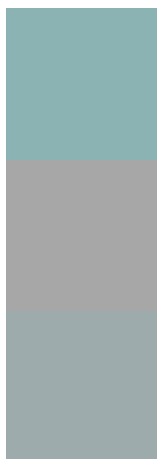
Deuteranomaly

40.7187, 0.3002, 0.3139

Tritanomaly

41.0914, 0.2759, 0.3160

Monochromacy



Original Color

41.1109, 0.2802, 0.3275

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

39.2725, 0.2995, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1109, 0.2802, 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(140, 179, 180)` looks like.

```
.text, #text, p{  
    color:rgb(140, 179, 180)  
}
```

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(140, 179, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 179, 180) }
```

Border

The CSS property to change the border of an element to Yxy 41.1109, 0.2802, 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(140, 179, 180) }
```

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

```
.border{ border-color:rgb(140, 179, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 179, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 179, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 179, 180);  
box-shadow:4px 4px 4px 4px rgb(140, 179,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1109, 0.2802, 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(140, 179, 180) }
```

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

```
.background{ background-color: rgb(140,  
179, 180) }
```

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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