

Converting Colors

$Yxy(41.7392, 0.2774, 0.3234)$

Have a look what the booklet for
Yxy(41.7392, 0.2774, 0.3234)
contains.

Yxy(41.6787, 0.2775, 0.3232)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(41.6787, 0.2775, 0.3232)

Conversions

Conversions Part 1

Format	Color
Hex	8CB4B8
RGB	140, 180, 184
RGB Percent	55%, 71%, 72%
CMY	0.4510, 0.2941, 0.2785
CMYK	0.24, 0.02, 0.00, 0.28
HSL	185°, 24%, 64%
HSV	185°, 24%, 72%
XYZ	35.7854, 41.6787, 51.4923
YIQ	168.4960, -25.1240, -7.2360

Conversions

Conversions Part 2

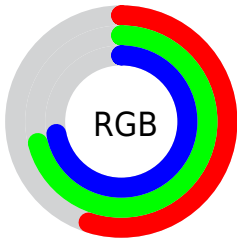
Format	Color
RYB	140, 161, 184
Decimal	9221304
CIELab	70.65, -12.44, -6.43
CIELCh	71, 14.004, 207.312
Yxy	41.6787, 0.2775, 0.3232
Android (android.graphics.Color)	4287411384 (0xFF8CB4B8)
YUV	168.4960, 7.6435, -24.9910
Hunter-Lab	64.5590, -14.0349, -2.0984

Details

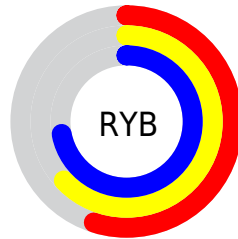
The Yxy color **41.6787, 0.2775, 0.3232** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **32.0166, 0.3603, 0.3347**, and the grayscale version is **39.3852, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.7515, 0.2837, 0.3245**, and **18.9413, 0.2677, 0.3208** is the 20% darker color. If you saturate the color by 10%, you get **39.5473, 0.2642, 0.3205**, and if you desaturate by 10%, it is **44.0887, 0.2918, 0.3258**.

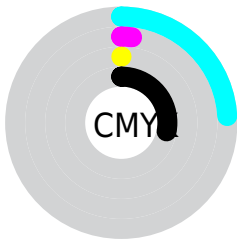
Distribution



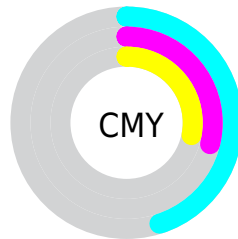
- Red (55%)
- Green (71%)
- Blue (72%)



- Red (55%)
- Yellow (63%)
- Blue (72%)



- Cyan (24%)
- Magenta (2%)
- Yellow (0%)
- Black (28%)



- Cyan (45%)
- Magenta (29%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.6787, 0.2775, 0.3232 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 41.6787, 0.2775, 0.3232 by changing the saturation by 10% instead.

■ 41.6787, 0.2775,
0.3232

■ 41.6787, 0.2775,
0.3232

■ 353.1493, 0.2953,
0.3264

■ 28.8498, 0.2730,
0.3223

■ 77.7131, 0.2840,
0.3244

■ 18.9672, 0.2672,
0.3211

■ 101.6874, 0.2864,
0.3249

■ 11.6466, 0.2595,
0.3194

■ 130.1456, 0.2885,
0.3252

■ 6.5035, 0.2486,
0.3169

■ 163.4722, 0.2902,
0.3255

■ 3.1536, 0.2323,
0.3126

■ 202.0514, 0.2917,
0.3258

■ 1.2124, 0.2050,
0.3043

■ 246.2677, 0.2931,

■ 0.0718, 0.0000,

0.3260

0.1199

296.5056, 0.2942,
0.3262

0.0000, 0.0000,
0.0000

41.6787, 0.2775,
0.3232

41.6787, 0.2775,
0.3232

39.5473, 0.2642,
0.3205

44.0887, 0.2918,
0.3258

37.6761, 0.2523,
0.3176

46.7847, 0.3067,
0.3281

36.0523, 0.2418,
0.3146

49.7799, 0.3221,
0.3303

34.6602, 0.2331,
0.3115

53.0852, 0.3377,
0.3322

33.4819, 0.2263,
0.3084

56.7111, 0.3532,
0.3340

■ 32.4969, 0.2214,
0.3054

■ 60.6675, 0.3684,
0.3355

■ 31.6806, 0.2182,
0.3023

■ 62.2560, 0.3718,
0.3372

■ 31.2347, 0.2168,
0.3005

■ 62.9873, 0.3714,
0.3389

■ 63.7269, 0.3709,
0.3406

Harmonies

Analogous

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



41.6787, 0.2901, 0.3422



41.6787, 0.2775, 0.3232



41.6787, 0.2741, 0.3066

Triad

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



41.6787, 0.2775, 0.3232



41.6787, 0.3156, 0.3025



41.6787, 0.3454, 0.3615

Complementary

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



41.6787, 0.2775, 0.3232



32.0166, 0.3603, 0.3347

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.



41.6787, 0.3529, 0.3496



41.6787, 0.2775, 0.3232



41.6787, 0.3354, 0.3160

Square

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



41.6787, 0.2775, 0.3232



41.6787, 0.2956, 0.2955



41.6787, 0.3492, 0.3330



41.6787, 0.3292, 0.3648

Rectangle

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



41.6787, 0.2775, 0.3232



41.6787, 0.2774, 0.2991



41.6787, 0.3492, 0.3330



41.6787, 0.3491, 0.3583

Sweetspot

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



41.6804, 0.2775, 0.3232



83.2063, 0.3019, 0.3274



41.8495, 0.3069, 0.3897



17.8743, 0.3010, 0.3273



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



41.6804, 0.2775, 0.3232



73.3605, 0.2700, 0.3217



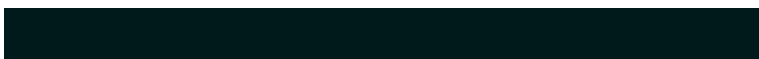
33.5983, 0.2749, 0.2909



10.0683, 0.2985, 0.3269



21.5867, 0.2169, 0.3009



0.8017, 0.2191, 0.3087

Inverse Universe

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



32.2381, 0.3193, 0.2754



53.2001, 0.3211, 0.2628



39.2265, 0.3536, 0.3643



9.1484, 0.3151, 0.3085



8.9615, 0.3447, 0.1672



0.3200, 0.3378, 0.1635

Previews

White Background



This preview shows how the Yxy color 41.6787, 0.2775, 0.3232 looks on a white background.

Color Contrast Check

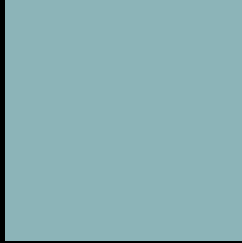
Large Text (above 18pt) WCAG AA × Fail

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 41.6787, 0.2775, 0.3232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

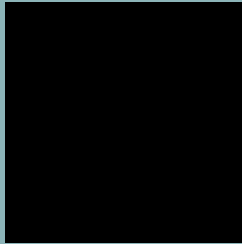
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

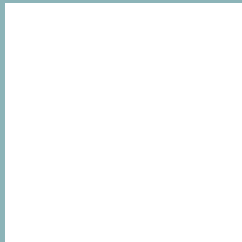
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.6787, 0.2775, 0.3232

Background



This preview shows how black text looks on a background with the Yxy color 41.6787, 0.2775, 0.3232.

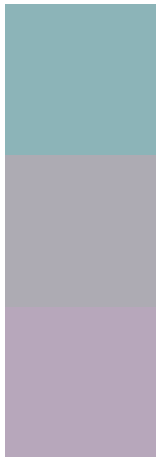


This preview shows how white text looks on a background with the Yxy color 41.6787, 0.2775, 0.3232.

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

41.6787, 0.2775, 0.3232

Protanopia

41.2647, 0.3079, 0.3181

Deuteranopia

41.2926, 0.3103, 0.3028



Tritanopia

41.8412, 0.2727, 0.3092

Trichromacy



Original Color

41.6787, 0.2775, 0.3232

Protanomaly

41.1854, 0.2959, 0.3192

Deuteranomaly

41.2657, 0.2970, 0.3099

Tritanomaly

41.6206, 0.2740, 0.3133

Monochromacy



Original Color

41.6787, 0.2775, 0.3232

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.8301, 0.2988, 0.3261

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.6787, 0.2775, 0.3232 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, 180, 184)` looks like.

```
.text, #text, p{  
    color:rgb(140, 180, 184)  
}
```

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, 180, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 180, 184) }
```

Border

The CSS property to change the border of an element to Yxy 41.6787, 0.2775, 0.3232 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, 180, 184) }
```

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

```
.border{ border-color:rgb(140, 180, 184) }
```

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

Here you see how a box with a 4 pixel rgb(140, 180, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 180, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 180, 184);  
box-shadow:4px 4px 4px 4px rgb(140, 180,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 41.6787, 0.2775, 0.3232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 180, 184) }
```

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

```
.background{ background-color: rgb(140,  
180, 184) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor