

Converting Colors

$Yxy(41.5957, 0.2874, 0.3374)$

Have a look what the booklet for
Yxy(41.5957, 0.2874, 0.3374)
contains.

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Color

Yxy(41.6278, 0.2876, 0.3376)

Conversions

Conversions Part 1

Format	Color
Hex	90B4AE
RGB	144, 180, 174
RGB Percent	56%, 71%, 68%
CMY	0.4353, 0.2941, 0.3176
CMYK	0.20, 0.00, 0.03, 0.29
HSL	170°, 19%, 64%
HSV	170°, 20%, 71%
XYZ	35.4625, 41.6278, 46.2147
YIQ	168.5520, -19.5300, -9.4980

Conversions

Conversions Part 2

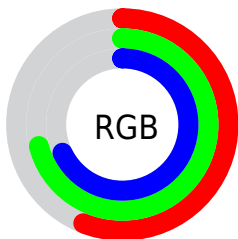
Format	Color
RYB	144, 164, 180
Decimal	9483438
CIELab	70.61, -13.38, -0.97
CIElCh	71, 13.415, 184.147
Yxy	41.6278, 0.2876, 0.3376
Android (android.graphics.Color)	4287673518 (0xFF90B4AE)
YUV	168.5520, 2.6859, -21.5321
Hunter-Lab	64.5196, -14.7986, 2.6949

Details

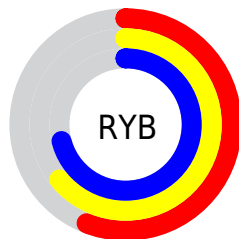
The Yxy color **41.6278, 0.2876, 0.3376** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **31.8503, 0.3453, 0.3206**, and the grayscale version is **39.4377, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.6538, 0.2923, 0.3367**, and **18.9110, 0.2800, 0.3391** is the 20% darker color. If you saturate the color by 10%, you get **40.0203, 0.2762, 0.3425**, and if you desaturate by 10%, it is **43.4998, 0.2999, 0.3331**.

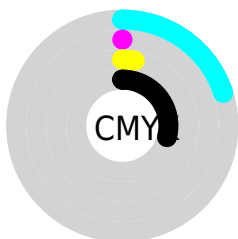
Distribution



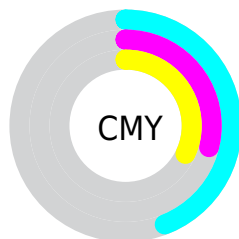
- Red (56%)
- Green (71%)
- Blue (68%)



- Red (56%)
- Yellow (64%)
- Blue (71%)



- Cyan (20%)
- Magenta (0%)
- Yellow (3%)
- Black (29%)




- Cyan (44%)
- Magenta (29%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.6278, 0.2876, 0.3376 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 41.6278, 0.2876, 0.3376 by changing the saturation by 10% instead.


 41.6278, 0.2876,
0.3376

 41.6278, 0.2876,
0.3376


352.9377, 0.3004,
0.3333

 28.8100, 0.2843,
0.3387


 77.6360, 0.2923,
0.3360

 18.9371, 0.2801,
0.3401

 101.5952, 0.2940,
0.3354

 11.6248, 0.2745,
0.3420


130.0369, 0.2955,
0.3349

 6.4888, 0.2664,
0.3446

163.3455, 0.2968,
0.3345

 3.1445, 0.2540,
0.3486

201.9056, 0.2978,
0.3341

 1.2076, 0.2325,
0.3554

246.1013, 0.2988,

 0.0679, 0.0000,

0.3338

0.3239

296.3173, 0.2996,
0.3335

0.0000, 0.0000,
0.0000

41.6278, 0.2876,
0.3376

41.6278, 0.2876,
0.3376

40.0203, 0.2762,
0.3425

43.4998, 0.2999,
0.3331

38.6599, 0.2660,
0.3477

45.6425, 0.3127,
0.3290

37.5350, 0.2572,
0.3532

48.0684, 0.3259,
0.3253

36.6313, 0.2500,
0.3589

50.7877, 0.3392,
0.3220

35.9326, 0.2447,
0.3647

53.8100, 0.3524,
0.3191

■ 35.4206, 0.2412,
0.3707

■ 57.1445, 0.3655,
0.3165

■ 35.0739, 0.2397,
0.3766

■ 57.8438, 0.3654,
0.3135

■ 34.8476, 0.2396,
0.3824

■ 57.9807, 0.3628,
0.3104

■ 58.1204, 0.3601,
0.3074

Harmonies

Analogous

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



41.6278, 0.3046, 0.3537



41.6278, 0.2876, 0.3376



41.6278, 0.2774, 0.3195

Triad

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



41.6278, 0.2876, 0.3376



41.6278, 0.3004, 0.2977



41.6278, 0.3505, 0.3519

Complementary

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



41.6278, 0.2876, 0.3376



31.8503, 0.3453, 0.3206

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.



41.6278, 0.3494, 0.3367



41.6278, 0.2876, 0.3376



41.6278, 0.3200, 0.3060

Square

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



41.6278, 0.2876, 0.3376



41.6278, 0.2845, 0.2971



41.6278, 0.3381, 0.3201



41.6278, 0.3411, 0.3617

Rectangle

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



41.6278, 0.2876, 0.3376



41.6278, 0.2755, 0.3090



41.6278, 0.3381, 0.3201



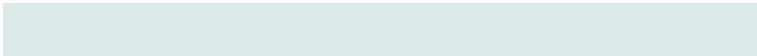
41.6278, 0.3513, 0.3473

Sweetspot

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



41.6295, 0.2876, 0.3376



80.3262, 0.3048, 0.3315



41.1414, 0.3153, 0.3823



17.3089, 0.3040, 0.3317



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.



41.6295, 0.2876, 0.3376



74.1366, 0.2825, 0.3397



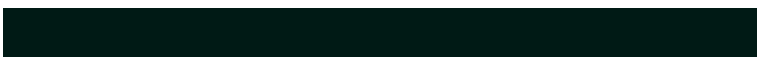
37.2299, 0.2822, 0.3114



9.6068, 0.3007, 0.3328



24.3286, 0.2394, 0.3817



0.7719, 0.2348, 0.3653

Inverse Universe

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



31.8503, 0.3453, 0.3206



53.1694, 0.3545, 0.3187



35.4934, 0.3484, 0.3460



8.5276, 0.3262, 0.3252



6.8445, 0.6129, 0.3150



0.2224, 0.5452, 0.2777

Previews

White Background



This preview shows how the Yxy color 41.6278, 0.2876, 0.3376 looks on a white background.

Color Contrast Check

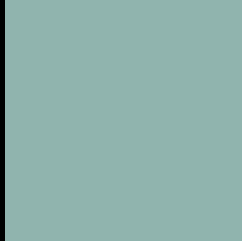
Large Text (above 18pt) WCAG AA × Fail

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 41.6278, 0.2876, 0.3376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

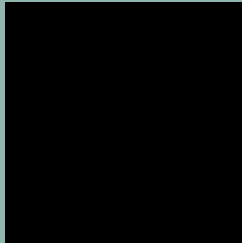
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.6278, 0.2876, 0.3376

Background



This preview shows how black text looks on a background with the Yxy color 41.6278, 0.2876, 0.3376.



This preview shows how white text looks on a background with the Yxy color 41.6278, 0.2876, 0.3376.

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

41.6278, 0.2876, 0.3376

Protanopia

41.2205, 0.3189, 0.3317

Deuteranopia

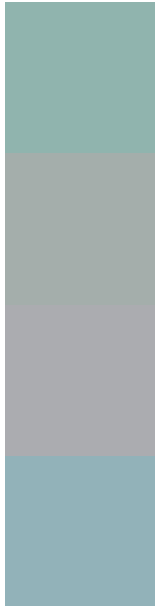
41.3766, 0.3226, 0.3159



Tritanopia

41.4531, 0.2768, 0.3079

Trichromacy



Original Color

41.6278, 0.2876, 0.3376

Protanomaly

41.1049, 0.3064, 0.3332

Deuteranomaly

41.2976, 0.3085, 0.3235

Tritanomaly

41.4546, 0.2811, 0.3190

Monochromacy



Original Color

41.6278, 0.2876, 0.3376

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

40.3010, 0.3029, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.6278, 0.2876, 0.3376 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(144, 180, 174)` looks like.

```
.text, #text, p{  
    color:rgb(144, 180, 174)  
}
```

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(144, 180, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 180, 174) }
```

Border

The CSS property to change the border of an element to Yxy 41.6278, 0.2876, 0.3376 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(144, 180, 174) }
```

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

```
.border{ border-color:rgb(144, 180, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 180, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 180, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 180, 174);  
box-shadow:4px 4px 4px 4px rgb(144, 180,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 41.6278, 0.2876, 0.3376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 180, 174) }
```

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

```
.background{ background-color: rgb(144,  
180, 174) }
```

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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