

Converting Colors

$Yxy(41.7057, 0.2796, 0.3318)$

Have a look what the booklet for
Yxy(41.7057, 0.2796, 0.3318)
contains.

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Color

Yxy(41.7057, 0.2796, 0.3318)

Conversions

Conversions Part 1

Format	Color
Hex	8AB5B3
RGB	138, 181, 179
RGB Percent	54%, 71%, 70%
CMY	0.4587, 0.2902, 0.2980
CMYK	0.24, 0.00, 0.01, 0.29
HSL	177°, 23%, 63%
HSV	177°, 24%, 71%
XYZ	35.1444, 41.7057, 48.8452
YIQ	167.9150, -24.9860, -9.7380

Conversions

Conversions Part 2

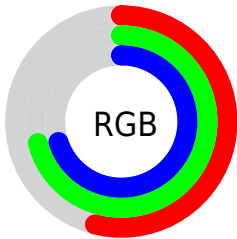
Format	Color
R _Y B	138, 160, 181
Decimal	9090483
CIE Lab	70.67, -14.69, -3.68
CIE LCh	71, 15.145, 194.048
Yxy	41.7057, 0.2796, 0.3318
Android (android.graphics.Color)	4287280563 (0xFF8AB5B3)
YUV	167.9150, 5.4649, -26.2355
Hunter-Lab	64.5800, -15.8752, 0.3618

Details

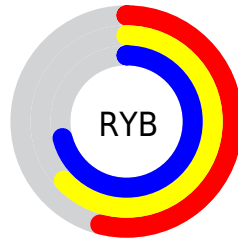
The Yxy color **41.7057, 0.2796, 0.3318** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **29.9015, 0.3588, 0.3263**, and the grayscale version is **39.0988, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.7730, 0.2853, 0.3311**, and **18.9709, 0.2706, 0.3330** is the 20% darker color. If you saturate the color by 10%, you get **40.2558, 0.2674, 0.3331**, and if you desaturate by 10%, it is **43.4165, 0.2930, 0.3306**.

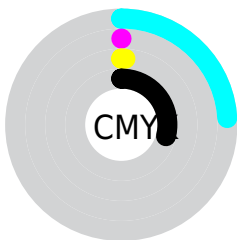
Distribution



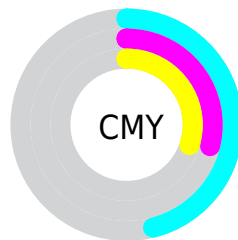
- Red (54%)
- Green (71%)
- Blue (70%)



- Red (54%)
- Yellow (63%)
- Blue (71%)



- Cyan (24%)
- Magenta (0%)
- Yellow (1%)
- Black (29%)



- Cyan (46%)
- Magenta (29%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.7057, 0.2796, 0.3318 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 41.7057, 0.2796, 0.3318 by changing the saturation by 10% instead.


 41.7057, 0.2796,
0.3318


 41.7057, 0.2796,
0.3318


353.2615, 0.2963,
0.3306


 28.8709, 0.2754,
0.3321


 77.7540, 0.2857,
0.3314

 18.9832, 0.2699,
0.3324


 101.7363, 0.2880,
0.3312

 11.6581, 0.2625,
0.3327


 130.2033, 0.2899,
0.3311

 6.5113, 0.2522,
0.3331

163.5393, 0.2916,
0.3309

 3.1584, 0.2365,
0.3334

202.1287, 0.2930,
0.3308

 1.2150, 0.2095,
0.3333

246.3560, 0.2943,

 0.0739, 0.0000,

0.3307

0.1796

296.6054, 0.2954,
0.3306

0.0000, 0.0000,
0.0000

41.7057, 0.2796,
0.3318

41.7057, 0.2796,
0.3318

40.2558, 0.2674,
0.3331

43.4165, 0.2930,
0.3306

39.0489, 0.2566,
0.3346

45.3950, 0.3072,
0.3294

38.0730, 0.2475,
0.3360

47.6540, 0.3221,
0.3284

37.3127, 0.2401,
0.3375

50.2039, 0.3372,
0.3274

36.7513, 0.2347,
0.3391

53.0547, 0.3524,
0.3266

■ 36.3689, 0.2311,
0.3406

■ 56.2160, 0.3676,
0.3259

■ 36.1421, 0.2292,
0.3421

■ 57.8056, 0.3741,
0.3251

■ 36.0484, 0.2286,
0.3430

■ 57.8413, 0.3733,
0.3242

■ 57.8771, 0.3726,
0.3233

Harmonies

Analogous

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



41.7057, 0.2966, 0.3516



41.7057, 0.2796, 0.3318



41.7057, 0.2713, 0.3120

Triad

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



41.7057, 0.2796, 0.3318



41.7057, 0.3059, 0.2961



41.7057, 0.3531, 0.3593

Complementary

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



41.7057, 0.2796, 0.3318



29.9015, 0.3588, 0.3263

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.



41.7057, 0.3560, 0.3436



41.7057, 0.2796, 0.3318



41.7057, 0.3282, 0.3078

Square

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



41.7057, 0.2796, 0.3318



41.7057, 0.2861, 0.2923



41.7057, 0.3467, 0.3249



41.7057, 0.3391, 0.3675

Rectangle

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



41.7057, 0.2796, 0.3318



41.7057, 0.2717, 0.3016



41.7057, 0.3467, 0.3249



41.7057, 0.3554, 0.3547

Sweetspot

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



41.7074, 0.2796, 0.3318



80.0519, 0.3023, 0.3298



40.4735, 0.3114, 0.3944



17.2566, 0.3015, 0.3298



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.



41.7074, 0.2796, 0.3318



73.4135, 0.2737, 0.3324



34.4626, 0.2759, 0.3001



9.6246, 0.2992, 0.3300



24.8542, 0.2286, 0.3428



0.7841, 0.2274, 0.3386

Inverse Universe

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



29.9015, 0.3588, 0.3263



48.9146, 0.3712, 0.3257



35.8962, 0.3549, 0.3563



8.5115, 0.3280, 0.3280



6.7879, 0.6339, 0.3266



0.2157, 0.6093, 0.3130

Previews

White Background



This preview shows how the Yxy color 41.7057, 0.2796, 0.3318 looks on a white background.

Color Contrast Check

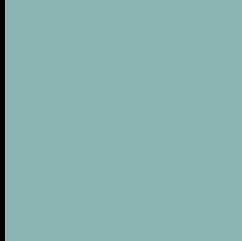
Large Text (above 18pt) WCAG AA × Fail

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 41.7057, 0.2796, 0.3318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

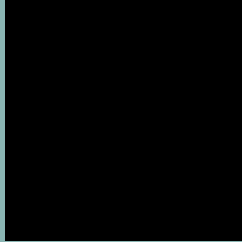
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.7057, 0.2796, 0.3318

Background



This preview shows how black text looks on a background with the Yxy color 41.7057, 0.2796, 0.3318.

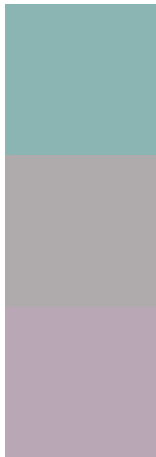


This preview shows how white text looks on a background with the Yxy color 41.7057, 0.2796, 0.3318.

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

41.7057, 0.2796, 0.3318

Protanopia

41.2569, 0.3146, 0.3263

Deuteranopia

41.3291, 0.3164, 0.3093



Tritanopia

41.7532, 0.2720, 0.3091

Trichromacy



Original Color

41.7057, 0.2796, 0.3318

Protanomaly

41.4365, 0.3014, 0.3290

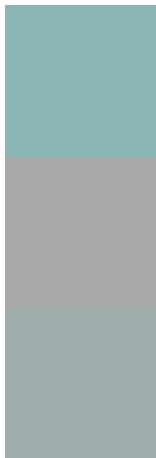
Deuteranomaly

41.1661, 0.3019, 0.3167

Tritanomaly

41.8488, 0.2747, 0.3175

Monochromacy



Original Color

41.7057, 0.2796, 0.3318

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

40.0338, 0.2995, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.7057, 0.2796, 0.3318 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, 181, 179)` looks like.

```
.text, #text, p{  
    color:rgb(138, 181, 179)  
}
```

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, 181, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 181, 179) }
```

Border

The CSS property to change the border of an element to Yxy 41.7057, 0.2796, 0.3318 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, 181, 179) }
```

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

```
.border{ border-color:rgb(138, 181, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 181, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 181, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 181, 179);  
box-shadow:4px 4px 4px 4px rgb(138, 181,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 41.7057, 0.2796, 0.3318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 181, 179) }
```

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

```
.background{ background-color: rgb(138,  
181, 179) }
```

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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