

Converting Colors

$Yxy(43.3356, 0.2831, 0.3369)$

Have a look what the booklet for
Yxy(43.3356, 0.2831, 0.3369)
contains.

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Color

Yxy(43.2864, 0.2829, 0.3361)

Conversions

Conversions Part 1

Format	Color
Hex	8EB8B3
RGB	142, 184, 179
RGB Percent	56%, 72%, 70%
CMY	0.4430, 0.2784, 0.2981
CMYK	0.23, 0.00, 0.03, 0.28
HSL	173°, 23%, 64%
HSV	173°, 23%, 72%
XYZ	36.4348, 43.2864, 49.0691
YIQ	170.8720, -23.4270, -10.4590

Conversions

Conversions Part 2

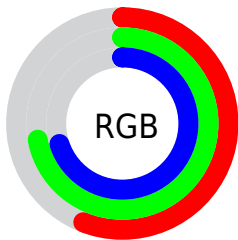
Format	Color
RYB	142, 164, 184
Decimal	9353395
CIELab	71.75, -15.01, -2.05
CIElCh	72, 15.153, 187.758
Yxy	43.2864, 0.2829, 0.3361
Android (android.graphics.Color)	4287543475 (0xFF8EB8B3)
YUV	170.8720, 4.0071, -25.3207
Hunter-Lab	65.7924, -16.2863, 1.8352

Details

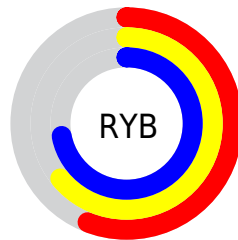
The Yxy color **43.2864, 0.2829, 0.3361** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **31.6554, 0.3532, 0.3221**, and the grayscale version is **40.6488, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.0541, 0.2879, 0.3344**, and **19.9631, 0.2750, 0.3389** is the 20% darker color. If you saturate the color by 10%, you get **41.7038, 0.2713, 0.3396**, and if you desaturate by 10%, it is **45.1426, 0.2955, 0.3328**.

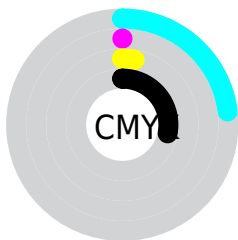
Distribution



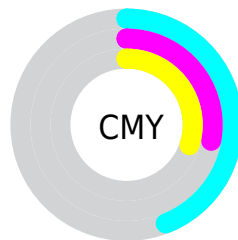
- Red (56%)
- Green (72%)
- Blue (70%)



- Red (56%)
- Yellow (64%)
- Blue (72%)



- Cyan (23%)
- Magenta (0%)
- Yellow (3%)
- Black (28%)





- Cyan (44%)
- Magenta (28%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.2864, 0.2829, 0.3361 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 43.2864, 0.2829, 0.3361 by changing the saturation by 10% instead.


 43.2864, 0.2829,
0.3361


 43.2864, 0.2829,
0.3361

359.7883, 0.2979,
0.3326

 30.1099, 0.2791,
0.3370


 80.1429, 0.2884,
0.3348

 19.9220, 0.2742,
0.3380


 104.5916, 0.2904,
0.3344

 12.3384, 0.2677,
0.3394


133.5666, 0.2922,
0.3340

 6.9746, 0.2585,
0.3414

167.4521, 0.2936,
0.3336

 3.4462, 0.2447,
0.3442

206.6327, 0.2949,
0.3333

 1.3689, 0.2214,
0.3484

251.4926, 0.2961,

 0.1936, 0.0000,

0.3331

0.3537

302.4164, 0.2970,
0.3328

0.0000, 0.0000,
0.0000

43.2864, 0.2829,
0.3361

43.2864, 0.2829,
0.3361

41.7038, 0.2713,
0.3396

45.1426, 0.2955,
0.3328

40.3764, 0.2610,
0.3434

47.2794, 0.3089,
0.3298

39.2916, 0.2523,
0.3473

49.7101, 0.3227,
0.3271

38.4338, 0.2453,
0.3514

52.4456, 0.3367,
0.3246

37.7853, 0.2401,
0.3555

55.4961, 0.3508,
0.3224

■ 37.3262, 0.2369,
0.3597

■ 58.8716, 0.3647,
0.3205

■ 37.0323, 0.2355,
0.3638

■ 59.4533, 0.3650,
0.3183

■ 36.8882, 0.2352,
0.3667

■ 59.5532, 0.3631,
0.3160

■ 59.6547, 0.3612,
0.3138

Harmonies

Analogous

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



43.2864, 0.3011, 0.3548



43.2864, 0.2829, 0.3361



43.2864, 0.2727, 0.3160

Triad

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



43.2864, 0.2829, 0.3361



43.2864, 0.3015, 0.2949



43.2864, 0.3542, 0.3562

Complementary

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



43.2864, 0.2829, 0.3361



31.6554, 0.3532, 0.3221

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.



43.2864, 0.3545, 0.3396



43.2864, 0.2829, 0.3361



43.2864, 0.3235, 0.3051

Square

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



43.2864, 0.2829, 0.3361



43.2864, 0.2831, 0.2931



43.2864, 0.3431, 0.3212



43.2864, 0.3424, 0.3662

Rectangle

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



43.2864, 0.2829, 0.3361



43.2864, 0.2716, 0.3048



43.2864, 0.3431, 0.3212



43.2864, 0.3556, 0.3512

Sweetspot

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



43.2882, 0.2829, 0.3361



83.9740, 0.3030, 0.3311



42.4961, 0.3144, 0.3910



18.0535, 0.3023, 0.3312



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.



43.2882, 0.2829, 0.3361



77.0790, 0.2774, 0.3377



37.4466, 0.2777, 0.3065



10.1916, 0.3001, 0.3317



25.4303, 0.2351, 0.3662



0.9017, 0.2321, 0.3556

Inverse Universe

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



31.6554, 0.3532, 0.3221



52.5329, 0.3642, 0.3206



36.4014, 0.3541, 0.3504



9.0292, 0.3269, 0.3263



7.0688, 0.6231, 0.3206



0.2549, 0.5712, 0.2920

Previews

White Background



This preview shows how the Yxy color 43.2864, 0.2829, 0.3361 looks on a white background.

Color Contrast Check

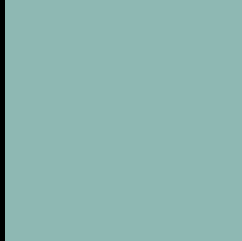
Large Text (above 18pt) WCAG AA × Fail

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 43.2864, 0.2829, 0.3361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

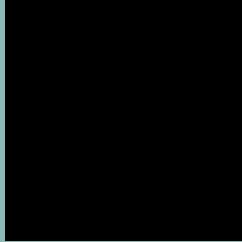
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

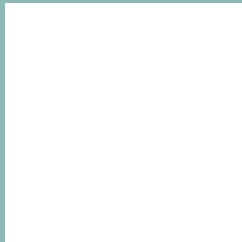
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.2864, 0.2829, 0.3361

Background



This preview shows how black text looks on a background with the Yxy color 43.2864, 0.2829, 0.3361.



This preview shows how white text looks on a background with the Yxy color 43.2864, 0.2829, 0.3361.

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

43.2864, 0.2829, 0.3361

Protanopia

42.8729, 0.3180, 0.3304

Deuteranopia

42.9457, 0.3198, 0.3135



Tritanopia

43.0530, 0.2731, 0.3081

Trichromacy



Original Color

43.2864, 0.2829, 0.3361

Protanomaly

43.0429, 0.3048, 0.3331

Deuteranomaly

42.7668, 0.3053, 0.3209

Tritanomaly

43.1029, 0.2766, 0.3177

Monochromacy



Original Color

43.2864, 0.2829, 0.3361

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

41.5802, 0.3005, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2864, 0.2829, 0.3361 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(142, 184, 179)` looks like.

```
.text, #text, p{  
    color:rgb(142, 184, 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(142, 184, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 184, 179) }
```

Border

The CSS property to change the border of an element to Yxy 43.2864, 0.2829, 0.3361 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(142, 184, 179) }
```

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

```
.border{ border-color:rgb(142, 184, 179) }
```

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

Here you see how a box with a 4 pixel rgb(142, 184, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 184, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 184, 179);  
box-shadow:4px 4px 4px 4px rgb(142, 184,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2864, 0.2829, 0.3361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 184, 179) }
```

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

```
.background{ background-color: rgb(142,  
184, 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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