

Converting Colors

$Y_{xy}(42.9252, 0.2876, 0.3161)$

Have a look what the booklet for
Yxy(42.9252, 0.2876, 0.3161)
contains.

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Color

Yxy(43.0391, 0.2876, 0.3165)

Conversions

Conversions Part 1

Format	Color
Hex	9DB3BC
RGB	157, 179, 188
RGB Percent	62%, 70%, 74%
CMY	0.3842, 0.2981, 0.2626
CMYK	0.16, 0.05, 0.00, 0.26
HSL	197°, 19%, 68%
HSV	197°, 16%, 74%
XYZ	39.1091, 43.0391, 53.8363
YIQ	173.4480, -16.0010, -1.8650

Conversions

Conversions Part 2

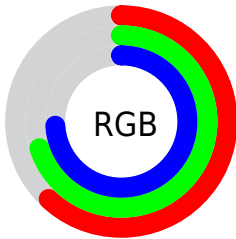
Format	Color
RYB	157, 170, 188
Decimal	10335164
CIELab	71.58, -5.61, -7.15
CIElCh	72, 9.089, 231.847
Yxy	43.0391, 0.2876, 0.3165
Android (android.graphics.Color)	4288525244 (0xFF9DB3BC)
YUV	173.4480, 7.1741, -14.4249
Hunter-Lab	65.6042, -8.3967, -2.7318

Details

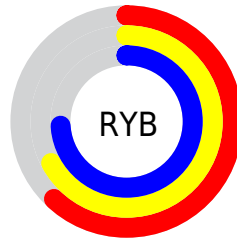
The Yxy color **43.0391, 0.2876, 0.3165** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.4285, 0.3416, 0.3412**, and the grayscale version is **42.0031, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.9454, 0.2924, 0.3194**, and **19.6742, 0.2798, 0.3117** is the 20% darker color. If you saturate the color by 10%, you get **39.1388, 0.2726, 0.3079**, and if you desaturate by 10%, it is **47.3213, 0.3029, 0.3243**.

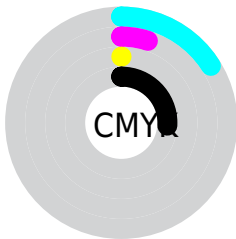
Distribution



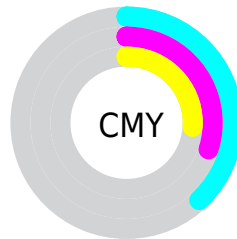
- Red (62%)
- Green (70%)
- Blue (74%)



- Red (62%)
- Yellow (67%)
- Blue (74%)



- Cyan (16%)
- Magenta (5%)
- Yellow (0%)
- Black (26%)



- Cyan (38%)
- Magenta (30%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.0391, 0.2876, 0.3165 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 43.0391, 0.2876, 0.3165 by changing the saturation by 10% instead.

■ 43.0391, 0.2876,
0.3165

■ 43.0391, 0.2876,
0.3165

■ 358.7725, 0.3002,
0.3229

■ 29.9158, 0.2844,
0.3148

■ 79.7699, 0.2922,
0.3189

■ 19.7747, 0.2803,
0.3127

■ 104.1461, 0.2939,
0.3198

■ 12.2314, 0.2748,
0.3097

■ 133.0421, 0.2954,
0.3205

■ 6.9015, 0.2672,
0.3055

■ 166.8423, 0.2966,
0.3211

■ 3.4005, 0.2556,
0.2989

■ 205.9310, 0.2977,
0.3217

■ 1.3442, 0.2363,
0.2874

■ 250.6927, 0.2987,

■ 0.1751, 0.0328,

0.3222

0.1957

301.5118, 0.2995,
0.3226

0.0000, 0.0000,
0.0000

43.0391, 0.2876,
0.3165

43.0391, 0.2876,
0.3165

39.1388, 0.2726,
0.3079

47.3213, 0.3029,
0.3243

35.6009, 0.2580,
0.2987

51.9936, 0.3180,
0.3314

32.4118, 0.2443,
0.2888

57.0703, 0.3330,
0.3377

29.5550, 0.2318,
0.2784

62.5635, 0.3475,
0.3434

27.0121, 0.2209,
0.2676

68.4847, 0.3614,
0.3483

■ 24.7628, 0.2117,
0.2567

■ 71.9180, 0.3631,
0.3537

■ 22.7833, 0.2045,
0.2457

■ 74.7030, 0.3617,
0.3592

■ 21.0427, 0.1992,
0.2348

■ 77.5819, 0.3603,
0.3646

■ 20.4657, 0.1975,
0.2310

■ 80.5556, 0.3589,
0.3700

Harmonies

Analogous

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



43.0391, 0.2910, 0.3277



43.0391, 0.2876, 0.3165



43.0391, 0.2907, 0.3090

Triad

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



43.0391, 0.2876, 0.3165



43.0391, 0.3252, 0.3188



43.0391, 0.3256, 0.3519

Complementary

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



43.0391, 0.2876, 0.3165



40.4285, 0.3416, 0.3412

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.



43.0391, 0.3351, 0.3489



43.0391, 0.2876, 0.3165



43.0391, 0.3349, 0.3297

Square

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



43.0391, 0.2876, 0.3165



43.0391, 0.3122, 0.3105



43.0391, 0.3385, 0.3407



43.0391, 0.3128, 0.3485

Rectangle

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



43.0391, 0.2876, 0.3165



43.0391, 0.2961, 0.3070



43.0391, 0.3385, 0.3407



43.0391, 0.3293, 0.3516

Sweetspot

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



43.0409, 0.2876, 0.3165



86.8781, 0.3050, 0.3254



45.8954, 0.3041, 0.3601



18.5591, 0.3039, 0.3248



95.5105, 0.3127, 0.3290



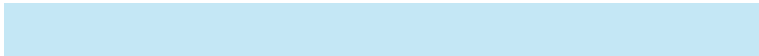
19.5994, 0.3127, 0.3290

Same Dimension

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



43.0409, 0.2876, 0.3165



75.1826, 0.2818, 0.3133



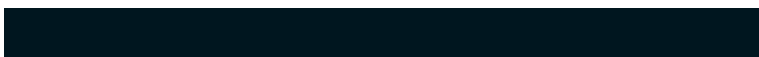
37.2662, 0.2867, 0.2949



10.3269, 0.2985, 0.3222



14.0633, 0.1979, 0.2324



0.6585, 0.2051, 0.2583

Inverse Universe

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



38.0759, 0.3228, 0.3002



64.5271, 0.3255, 0.2932



46.3045, 0.3385, 0.3609



9.6476, 0.3181, 0.3129



8.4494, 0.4101, 0.2033



0.3418, 0.3841, 0.1890

Previews

White Background



This preview shows how the Yxy color 43.0391, 0.2876, 0.3165 looks on a white background.

Color Contrast Check

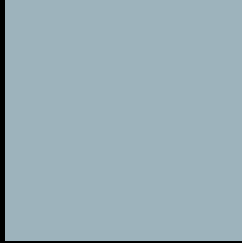
Large Text (above 18pt) WCAG AA × Fail

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 43.0391, 0.2876, 0.3165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

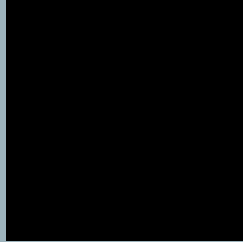
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

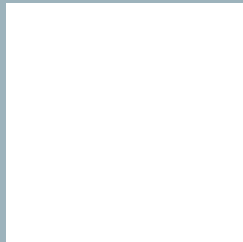
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.0391, 0.2876, 0.3165

Background



This preview shows how black text looks on a background with the Yxy color 43.0391, 0.2876, 0.3165.



This preview shows how white text looks on a background with the Yxy color 43.0391, 0.2876, 0.3165.

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

43.0391, 0.2876, 0.3165

Protanopia

42.8888, 0.3047, 0.3143

Deuteranopia

42.7814, 0.3095, 0.3031



Tritanopia

42.9157, 0.2854, 0.3098

Trichromacy



Original Color

43.0391, 0.2876, 0.3165

Protanomaly

42.9207, 0.2979, 0.3155

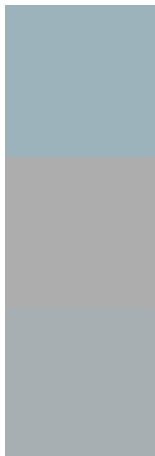
Deuteranomaly

42.6752, 0.3015, 0.3078

Tritanomaly

42.8715, 0.2861, 0.3112

Monochromacy



Original Color

43.0391, 0.2876, 0.3165

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

42.0898, 0.3033, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0391, 0.2876, 0.3165 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(157, 179, 188)` looks like.

```
.text, #text, p{  
    color:rgb(157, 179, 188)  
}
```

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(157, 179, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 179, 188) }
```

Border

The CSS property to change the border of an element to Yxy 43.0391, 0.2876, 0.3165 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(157, 179, 188) }
```

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

```
.border{ border-color:rgb(157, 179, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 179, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 179, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 179, 188);  
box-shadow:4px 4px 4px 4px rgb(157, 179,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0391, 0.2876, 0.3165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 179, 188) }
```

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

```
.background{ background-color: rgb(157,  
179, 188) }
```

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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