

Converting Colors

$Yxy(43.2713, 0.2906, 0.3234)$

Have a look what the booklet for
Yxy(43.2713, 0.2906, 0.3234)
contains.

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Color

Yxy(43.2713, 0.2906, 0.3234)

Conversions

Conversions Part 1

Format	Color
Hex	9DB4B8
RGB	157, 180, 184
RGB Percent	62%, 71%, 72%
CMY	0.3842, 0.2941, 0.2784
CMYK	0.15, 0.02, 0.00, 0.28
HSL	189°, 16%, 67%
HSV	189°, 15%, 72%
XYZ	38.8826, 43.2713, 51.6473
YIQ	173.5790, -14.9920, -3.6320

Conversions

Conversions Part 2

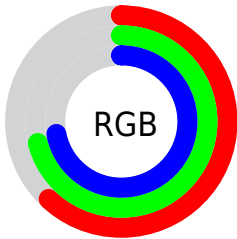
Format	Color
RYB	157, 169, 184
Decimal	10335416
CIELab	71.74, -7.01, -4.70
CIELCh	72, 8.443, 213.850
Yxy	43.2713, 0.2906, 0.3234
Android (android.graphics.Color)	4288525496 (0xFF9DB4B8)
YUV	173.5790, 5.1376, -14.5398
Hunter-Lab	65.7809, -9.6066, -0.5043

Details

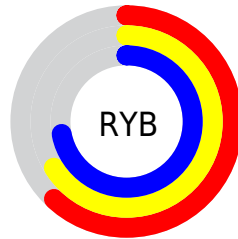
The Yxy color **43.2713, 0.2906, 0.3234** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.1293, 0.3387, 0.3345**, and the grayscale version is **42.0832, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.2792, 0.2947, 0.3247**, and **19.8207, 0.2838, 0.3212** is the 20% darker color. If you saturate the color by 10%, you get **40.4673, 0.2761, 0.3192**, and if you desaturate by 10%, it is **46.3793, 0.3056, 0.3273**.

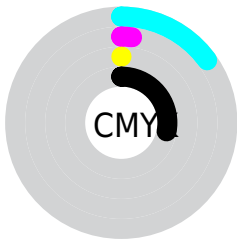
Distribution



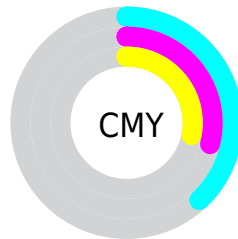
- Red (62%)
- Green (71%)
- Blue (72%)



- Red (62%)
- Yellow (66%)
- Blue (72%)



- Cyan (15%)
- Magenta (2%)
- Yellow (0%)
- Black (28%)



- Cyan (38%)
- Magenta (29%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.2713, 0.2906, 0.3234 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 43.2713, 0.2906, 0.3234 by changing the saturation by 10% instead.

■ 43.2713, 0.2906,
0.3234

■ 43.2713, 0.2906,
0.3234

■ 359.7263, 0.3017,
0.3263

■ 30.0980, 0.2878,
0.3226

■ 80.1201, 0.2947,
0.3245

■ 19.9130, 0.2842,
0.3216

■ 104.5644, 0.2962,
0.3249

■ 12.3318, 0.2793,
0.3202

■ 133.5346, 0.2975,
0.3252

■ 6.9701, 0.2725,
0.3182

■ 167.4149, 0.2986,
0.3255

■ 3.4434, 0.2623,
0.3149

■ 206.5899, 0.2995,
0.3258

■ 1.3674, 0.2451,
0.3091

■ 251.4438, 0.3003,

■ 0.1925, 0.0159,

0.3260

0.2592

302.3612, 0.3011,
0.3262

0.0000, 0.0000,
0.0000

43.2713, 0.2906,
0.3234

43.2713, 0.2906,
0.3234

40.4673, 0.2761,
0.3192

46.3793, 0.3056,
0.3273

37.9494, 0.2626,
0.3146

49.7978, 0.3209,
0.3309

35.7060, 0.2501,
0.3098

53.5396, 0.3363,
0.3341

33.7223, 0.2391,
0.3048

57.6152, 0.3514,
0.3369

31.9823, 0.2298,
0.2996

62.0346, 0.3663,
0.3394

■ 30.4680, 0.2224,
0.2944

■ 64.3719, 0.3705,
0.3421

■ 29.1584, 0.2168,
0.2892

■ 65.6183, 0.3697,
0.3449

■ 28.0285, 0.2130,
0.2840

■ 66.8872, 0.3689,
0.3477

■ 27.4689, 0.2115,
0.2812

■ 68.1788, 0.3682,
0.3505

Harmonies

Analogous

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



43.2713, 0.2972, 0.3345



43.2713, 0.2906, 0.3234



43.2713, 0.2898, 0.3141

Triad

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



43.2713, 0.2906, 0.3234



43.2713, 0.3172, 0.3145



43.2713, 0.3305, 0.3493

Complementary

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



43.2713, 0.2906, 0.3234



38.1293, 0.3387, 0.3345

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.



43.2713, 0.3361, 0.3434



43.2713, 0.2906, 0.3234



43.2713, 0.3284, 0.3234

Square

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



43.2713, 0.2906, 0.3234



43.2713, 0.3050, 0.3092



43.2713, 0.3354, 0.3339



43.2713, 0.3201, 0.3497

Rectangle

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



43.2713, 0.2906, 0.3234



43.2713, 0.2927, 0.3102



43.2713, 0.3354, 0.3339



43.2713, 0.3330, 0.3479

Sweetspot

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



43.2731, 0.2906, 0.3234



84.4255, 0.3065, 0.3275



44.0116, 0.3082, 0.3621



18.1046, 0.3054, 0.3272



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.



43.2731, 0.2906, 0.3234



76.5295, 0.2852, 0.3219



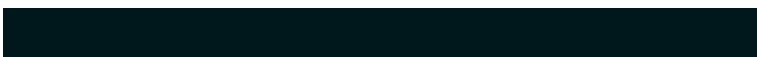
38.2420, 0.2900, 0.3049



9.9773, 0.2985, 0.3255



19.0137, 0.2116, 0.2818



0.7327, 0.2153, 0.2952

Inverse Universe

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



37.6122, 0.3180, 0.2985



64.1032, 0.3195, 0.2907



42.9408, 0.3362, 0.3520



9.1392, 0.3160, 0.3098



8.7018, 0.3618, 0.1767



0.3131, 0.3497, 0.1700

Previews

White Background



This preview shows how the Yxy color 43.2713, 0.2906, 0.3234 looks on a white background.

Color Contrast Check

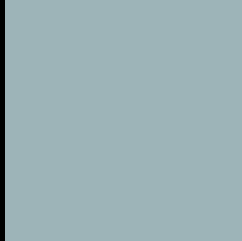
Large Text (above 18pt) WCAG AA × Fail

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 43.2713, 0.2906, 0.3234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

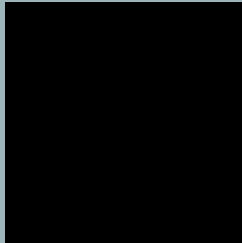
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

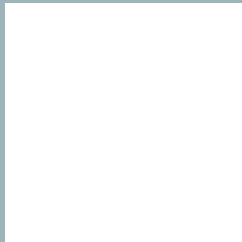
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.2713, 0.2906, 0.3234

Background



This preview shows how black text looks on a background with the Yxy color 43.2713, 0.2906, 0.3234.



This preview shows how white text looks on a background with the Yxy color 43.2713, 0.2906, 0.3234.

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

43.2713, 0.2906, 0.3234

Protanopia

42.9554, 0.3096, 0.3197

Deuteranopia

42.9860, 0.3155, 0.3084



Tritanopia

43.4614, 0.2855, 0.3099

Trichromacy



Original Color

43.2713, 0.2906, 0.3234

Protanomaly

42.9741, 0.3027, 0.3209

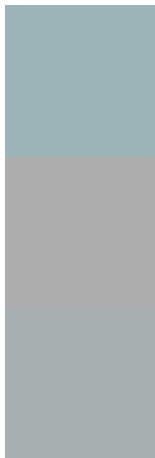
Deuteranomaly

43.1220, 0.3064, 0.3144

Tritanomaly

43.2270, 0.2869, 0.3139

Monochromacy



Original Color

43.2713, 0.2906, 0.3234

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.5899, 0.3042, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2713, 0.2906, 0.3234 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, 180, 184)` looks like.

```
.text, #text, p{  
    color:rgb(157, 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(157, 180, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 180, 184) }
```

Border

The CSS property to change the border of an element to Yxy 43.2713, 0.2906, 0.3234 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, 180, 184) }
```

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

```
.border{ border-color:rgb(157, 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(157, 180, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 180, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 180, 184);  
box-shadow:4px 4px 4px 4px rgb(157, 180,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2713, 0.2906, 0.3234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 180, 184) }
```

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

```
.background{ background-color: rgb(157,  
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](#).

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