

Converting Colors

$Yxy(43.9226, 0.2975, 0.3234)$

Have a look what the booklet for
Yxy(43.9226, 0.2975, 0.3234)
contains.

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Color

Yxy(44.1025, 0.2970, 0.3235)

Conversions

Conversions Part 1

Format	Color
Hex	A5B4B8
RGB	165, 180, 184
RGB Percent	65%, 71%, 72%
CMY	0.3530, 0.2941, 0.2783
CMYK	0.10, 0.02, 0.00, 0.28
HSL	193°, 12%, 68%
HSV	193°, 10%, 72%
XYZ	40.4898, 44.1025, 51.7369
YIQ	175.9710, -10.2240, -1.9360

Conversions

Conversions Part 2

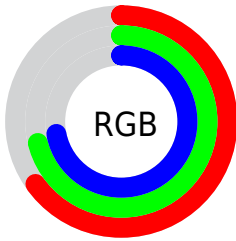
Format	Color
R_{YB}	165, 173, 184
Decimal	10859704
CIE Lab	72.30, -4.37, -3.83
CIE LCh	72, 5.813, 221.218
Yxy	44.1025, 0.2970, 0.3235
Android (android.graphics.Color)	4289049784 (0xFFA5B4B8)
YUV	175.9710, 3.9583, -9.6216
Hunter-Lab	66.4097, -7.3862, 0.2965

Details

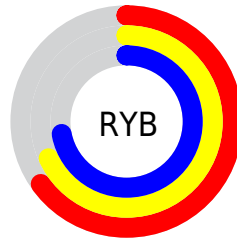
The Yxy color **44.1025, 0.2970, 0.3235** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.2871, 0.3301, 0.3344**, and the grayscale version is **43.3836, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.4978, 0.2998, 0.3248**, and **20.3281, 0.2924, 0.3214** is the 20% darker color. If you saturate the color by 10%, you get **40.7251, 0.2821, 0.3177**, and if you desaturate by 10%, it is **47.8115, 0.3122, 0.3288**.

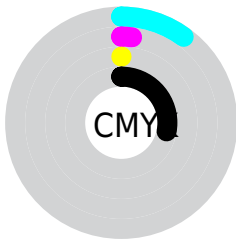
Distribution



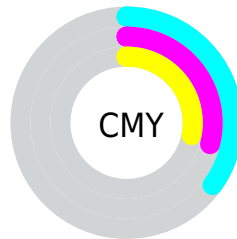
- Red (65%)
- Green (71%)
- Blue (72%)



- Red (65%)
- Yellow (68%)
- Blue (72%)



- Cyan (10%)
- Magenta (2%)
- Yellow (0%)
- Black (28%)



- Cyan (35%)
- Magenta (29%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.1025, 0.2970, 0.3235 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 44.1025, 0.2970, 0.3235 by changing the saturation by 10% instead.

■ 44.1025, 0.2970,
0.3235

■ 44.1025, 0.2970,
0.3235

■ 363.1264, 0.3049,
0.3263

■ 30.7511, 0.2950,
0.3228

■ 81.3720, 0.2999,
0.3245

■ 20.4094, 0.2925,
0.3218

■ 106.0588, 0.3010,
0.3249

■ 12.6930, 0.2890,
0.3205

■ 135.2929, 0.3019,
0.3253

■ 7.2175, 0.2842,
0.3187

■ 169.4587, 0.3027,
0.3255

■ 3.5985, 0.2769,
0.3158

■ 208.9405, 0.3033,
0.3258

■ 1.4516, 0.2647,
0.3108

■ 254.1228, 0.3039,

■ 0.2543, 0.1445,

0.3260

0.2723

305.3900, 0.3044,
0.3262

0.0000, 0.0000,
0.0000

44.1025, 0.2970,
0.3235

44.1025, 0.2970,
0.3235

40.7251, 0.2821,
0.3177

47.8115, 0.3122,
0.3288

37.6612, 0.2677,
0.3113

51.8582, 0.3274,
0.3336

34.8995, 0.2542,
0.3046

56.2555, 0.3424,
0.3379

32.4256, 0.2418,
0.2974

61.0139, 0.3571,
0.3417

30.2237, 0.2310,
0.2900

65.7623, 0.3696,
0.3452

■ 28.2766, 0.2218,
0.2824

■ 67.5771, 0.3685,
0.3492

■ 26.5645, 0.2146,
0.2747

■ 69.4378, 0.3674,
0.3531

■ 25.0640, 0.2092,
0.2670

■ 71.3449, 0.3664,
0.3570

■ 23.7705, 0.2055,
0.2597

■ 73.2986, 0.3653,
0.3609

Harmonies

Analogous

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



44.1025, 0.3006, 0.3309



44.1025, 0.2970, 0.3235



44.1025, 0.2975, 0.3177

Triad

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



44.1025, 0.2970, 0.3235



44.1025, 0.3179, 0.3203



44.1025, 0.3234, 0.3433

Complementary

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



44.1025, 0.2970, 0.3235



41.2871, 0.3301, 0.3344

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.



44.1025, 0.3281, 0.3402



44.1025, 0.2970, 0.3235



44.1025, 0.3249, 0.3269

Square

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



44.1025, 0.2970, 0.3235



44.1025, 0.3095, 0.3160



44.1025, 0.3287, 0.3342



44.1025, 0.3158, 0.3425

Rectangle

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



44.1025, 0.2970, 0.3235



44.1025, 0.3001, 0.3155



44.1025, 0.3287, 0.3342



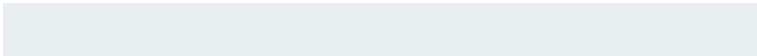
44.1025, 0.3254, 0.3427

Sweetspot

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



44.1043, 0.2970, 0.3235



84.7700, 0.3081, 0.3274



45.1448, 0.3085, 0.3500



18.1563, 0.3068, 0.3270



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.



44.1043, 0.2970, 0.3235



78.7483, 0.2942, 0.3225



40.4719, 0.2969, 0.3107



9.8802, 0.2985, 0.3241



16.4833, 0.2057, 0.2606



0.6629, 0.2112, 0.2802

Inverse Universe

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



40.3948, 0.3174, 0.3092



70.9488, 0.3183, 0.3055



44.8741, 0.3287, 0.3467



9.1294, 0.3169, 0.3111



8.4463, 0.3818, 0.1877



0.3060, 0.3633, 0.1775

Previews

White Background



This preview shows how the Yxy color 44.1025, 0.2970, 0.3235 looks on a white background.

Color Contrast Check

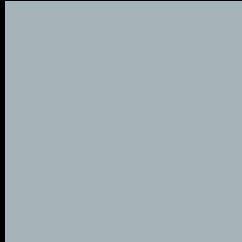
Large Text (above 18pt) WCAG AA × Fail

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 44.1025, 0.2970, 0.3235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

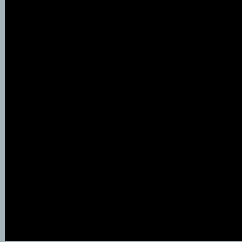
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

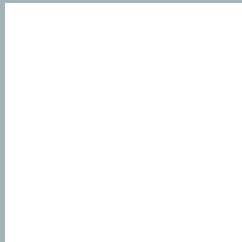
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.1025, 0.2970, 0.3235

Background



This preview shows how black text looks on a background with the Yxy color 44.1025, 0.2970, 0.3235.



This preview shows how white text looks on a background with the Yxy color 44.1025, 0.2970, 0.3235.

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

44.1025, 0.2970, 0.3235

Protanopia

44.0118, 0.3105, 0.3211

Deuteranopia

43.9974, 0.3171, 0.3111



Tritanopia

44.3059, 0.2919, 0.3103

Trichromacy



Original Color

44.1025, 0.2970, 0.3235

Protanomaly

43.8618, 0.3053, 0.3210

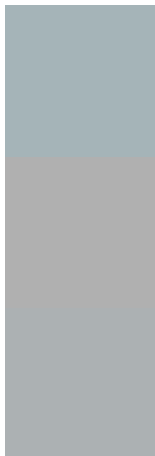
Deuteranomaly

43.9865, 0.3098, 0.3159

Tritanomaly

44.0649, 0.2933, 0.3142

Monochromacy



Original Color

44.1025, 0.2970, 0.3235

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.4696, 0.3068, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1025, 0.2970, 0.3235 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(165, 180, 184)` looks like.

```
.text, #text, p{  
    color:rgb(165, 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(165, 180, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 180, 184) }
```

Border

The CSS property to change the border of an element to Yxy 44.1025, 0.2970, 0.3235 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(165, 180, 184) }
```

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

```
.border{ border-color:rgb(165, 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(165, 180, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 180, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 180, 184);  
box-shadow:4px 4px 4px 4px rgb(165, 180,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1025, 0.2970, 0.3235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 180, 184) }
```

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

```
.background{ background-color: rgb(165,  
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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