

Converting Colors

$Yxy(41.0746, 0.2961, 0.3282)$

Have a look what the booklet for
Yxy(41.0746, 0.2961, 0.3282)
contains.

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Color

Yxy(40.9626, 0.2964, 0.3275)

Conversions

Conversions Part 1

Format	Color
Hex	9DAFB0
RGB	157, 175, 176
RGB Percent	62%, 69%, 69%
CMY	0.3843, 0.3137, 0.3097
CMYK	0.11, 0.01, 0.00, 0.31
HSL	183°, 11%, 65%
HSV	183°, 11%, 69%
XYZ	37.0727, 40.9626, 47.0413
YIQ	169.7320, -11.0490, -3.5050

Conversions

Conversions Part 2

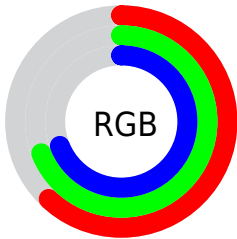
Format	Color
RYB	157, 166, 176
Decimal	10334128
CIELab	70.15, -6.01, -2.66
CIELCh	70, 6.576, 203.868
Yxy	40.9626, 0.2964, 0.3275
Android (android.graphics.Color)	4288524208 (0xFF9DAFB0)
YUV	169.7320, 3.0901, -11.1660
Hunter-Lab	64.0020, -8.6087, 1.2234

Details

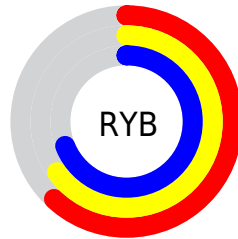
The Yxy color $40.9626, 0.2964, 0.3275$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $36.1299, 0.3314, 0.3305$, and the grayscale version is $40.0478, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.9751, 0.2994, 0.3279$, and $18.6853, 0.2916, 0.3270$ is the 20% darker color. If you saturate the color by 10%, you get $38.9510, 0.2820, 0.3260$, and if you desaturate by 10%, it is $43.2354, 0.3115, 0.3289$.

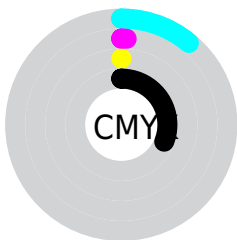
Distribution



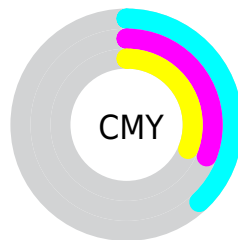
- Red (62%)
- Green (69%)
- Blue (69%)



- Red (62%)
- Yellow (65%)
- Blue (69%)



- Cyan (11%)
- Magenta (1%)
- Yellow (0%)
- Black (31%)



- Cyan (38%)
- Magenta (31%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.9626, 0.2964, 0.3275 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 40.9626, 0.2964, 0.3275 by changing the saturation by 10% instead.

■ 40.9626, 0.2964,
0.3275

■ 40.9626, 0.2964,
0.3275

350.1643, 0.3047,
0.3283

■ 28.2899, 0.2943,
0.3273

■ 76.6271, 0.2995,
0.3278

■ 18.5443, 0.2915,
0.3270

■ 100.3877, 0.3006,
0.3279

■ 11.3415, 0.2878,
0.3265

128.6130, 0.3015,
0.3280

■ 6.2970, 0.2825,
0.3259

161.6874, 0.3024,
0.3281

■ 3.0265, 0.2743,
0.3248

199.9954, 0.3031,
0.3282

■ 1.1456, 0.2601,
0.3226

243.9212, 0.3037,

■ 0.0166, 0.0000,

0.3282

0.0751

293.8494, 0.3042,
0.3283

0.0000, 0.0000,
0.0000

40.9626, 0.2964,
0.3275

40.9626, 0.2964,
0.3275

38.9510, 0.2820,
0.3260

43.2354, 0.3115,
0.3289

37.1844, 0.2687,
0.3244

45.7743, 0.3270,
0.3302

35.6531, 0.2566,
0.3227

48.5909, 0.3426,
0.3313

34.3443, 0.2461,
0.3210

51.6941, 0.3583,
0.3323

33.2444, 0.2373,
0.3192

55.0928, 0.3736,
0.3332

■ 32.3379, 0.2303,
0.3173

■ 57.3223, 0.3820,
0.3341

■ 31.6075, 0.2252,
0.3155

■ 57.7092, 0.3817,
0.3351

■ 31.0325, 0.2219,
0.3138

■ 58.0986, 0.3814,
0.3361

■ 30.6010, 0.2201,
0.3122

■ 58.4907, 0.3811,
0.3371

Harmonies

Analogous

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



40.9626, 0.3029, 0.3362



40.9626, 0.2964, 0.3275



40.9626, 0.2942, 0.3194

Triad

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



40.9626, 0.2964, 0.3275



40.9626, 0.3131, 0.3156



40.9626, 0.3288, 0.3440

Complementary

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



40.9626, 0.2964, 0.3275



36.1299, 0.3314, 0.3305

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.



40.9626, 0.3316, 0.3382



40.9626, 0.2964, 0.3275



40.9626, 0.3225, 0.3220

Square

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



40.9626, 0.2964, 0.3275



40.9626, 0.3037, 0.3127



40.9626, 0.3293, 0.3302



40.9626, 0.3216, 0.3458

Rectangle

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



40.9626, 0.2964, 0.3275



40.9626, 0.2954, 0.3154



40.9626, 0.3293, 0.3302



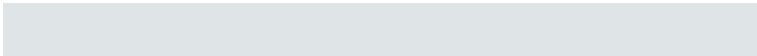
40.9626, 0.3303, 0.3424

Sweetspot

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



40.9643, 0.2964, 0.3275



77.4217, 0.3080, 0.3286



40.6968, 0.3107, 0.3551



16.7056, 0.3068, 0.3285



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



40.9643, 0.2964, 0.3275



73.3446, 0.2929, 0.3272



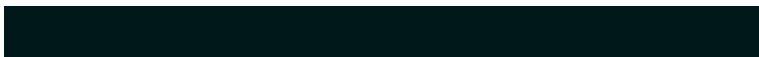
37.4170, 0.2962, 0.3140



9.5514, 0.2986, 0.3277



22.4723, 0.2201, 0.3123



0.7308, 0.2215, 0.3173

Inverse Universe

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



36.4419, 0.3149, 0.3043



63.4893, 0.3154, 0.2987



39.4758, 0.3299, 0.3436



8.6387, 0.3146, 0.3077



8.8087, 0.3347, 0.1617



0.2795, 0.3305, 0.1594

Previews

White Background



This preview shows how the Yxy color 40.9626, 0.2964, 0.3275 looks on a white background.

Color Contrast Check

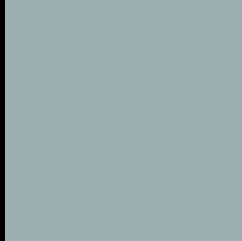
Large Text (above 18pt) WCAG AA × Fail

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 40.9626, 0.2964, 0.3275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

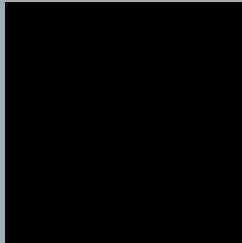
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

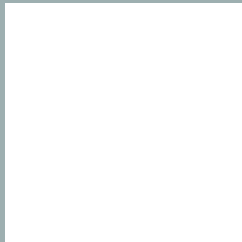
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.9626, 0.2964, 0.3275

Background



This preview shows how black text looks on a background with the Yxy color 40.9626, 0.2964, 0.3275.

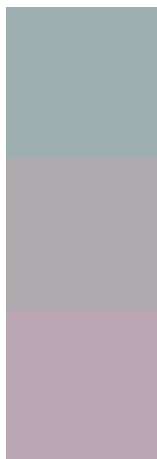


This preview shows how white text looks on a background with the Yxy color 40.9626, 0.2964, 0.3275.

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

40.9626, 0.2964, 0.3275

Protanopia

40.7653, 0.3138, 0.3249

Deuteranopia

40.8011, 0.3199, 0.3132



Tritanopia

40.8459, 0.2896, 0.3096

Trichromacy



Original Color

40.9626, 0.2964, 0.3275

Protanomaly

40.8859, 0.3075, 0.3262

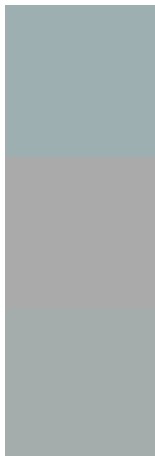
Deuteranomaly

40.6642, 0.3114, 0.3182

Tritanomaly

40.9601, 0.2919, 0.3164

Monochromacy



Original Color

40.9626, 0.2964, 0.3275

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.4829, 0.3065, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.9626, 0.2964, 0.3275 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, 175, 176)` looks like.

```
.text, #text, p{  
    color:rgb(157, 175, 176)  
}
```

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, 175, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 175, 176) }
```

Border

The CSS property to change the border of an element to Yxy 40.9626, 0.2964, 0.3275 is called "border". The border property can be set on classes, ids or directly on the HTML element.

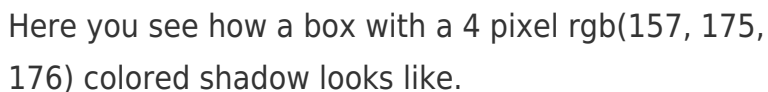
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 175, 176) }
```

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

```
.border{ border-color:rgb(157, 175, 176) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 175, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 175, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 175, 176); box-shadow:4px 4px 4px 4px rgb(157, 175, 176) }
```


Background

The CSS property to change the background color of an element to Yxy 40.9626, 0.2964, 0.3275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 175, 176) }
```

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

```
.background{ background-color: rgb(157,  
175, 176) }
```

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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