

Converting Colors

$Yxy(41.5682, 0.2972, 0.3332)$

Have a look what the booklet for
Yxy(41.5682, 0.2972, 0.3332)
contains.

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Color

Yxy(41.5682, 0.2972, 0.3332)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 9CB1AE |
| RGB | 156, 177, 174 |
| RGB Percent | 61%, 69%, 68% |
| CMY | 0.3881, 0.3059, 0.3177 |
| CMYK | 0.12, 0.00, 0.02, 0.31 |
| HSL | 171°, 12%, 65% |
| HSV | 171°, 12%, 69% |
| XYZ | 37.0770, 41.5682, 46.1093 |
| YIQ | 170.3790, -11.5530, -5.3850 |

Conversions

Conversions Part 2

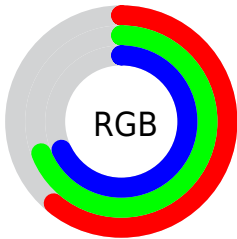
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 156, 167, 177 |
| Decimal | 10269102 |
| CIELab | 70.57, -7.82, -0.93 |
| CIELCh | 71, 7.875, 186.761 |
| Yxy | 41.5682, 0.2972, 0.3332 |
| Android (android.graphics.Color) | 4288459182 (0xFF9CB1AE) |
| YUV | 170.3790, 1.7852, -12.6104 |
| Hunter-Lab | 64.4734, -10.1776, 2.7291 |

Details

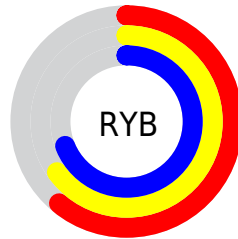
The Yxy color **41.5682, 0.2972, 0.3332** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.6410, 0.3307, 0.3249**, and the grayscale version is **40.3962, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.7839, 0.3006, 0.3333**, and **18.8237, 0.2926, 0.3329** is the 20% darker color. If you saturate the color by 10%, you get **39.8324, 0.2848, 0.3371**, and if you desaturate by 10%, it is **43.5666, 0.3103, 0.3296**.

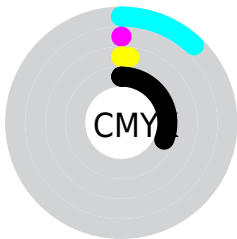
Distribution



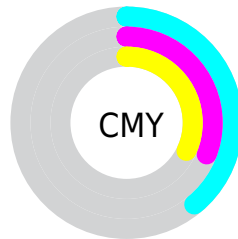
- Red (61%)
- Green (69%)
- Blue (68%)



- Red (61%)
- Yellow (65%)
- Blue (69%)



- Cyan (12%)
- Magenta (0%)
- Yellow (2%)
- Black (31%)




- Cyan (39%)
- Magenta (31%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.5682, 0.2972, 0.3332 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 41.5682, 0.2972, 0.3332 by changing the saturation by 10% instead.


 41.5682, 0.2972,
0.3332

 41.5682, 0.2972,
0.3332

352.6898, 0.3051,
0.3311

 28.7633, 0.2952,
0.3337

 77.5457, 0.3001,
0.3324

 18.9019, 0.2926,
0.3344


 101.4871, 0.3012,
0.3321

 11.5994, 0.2890,
0.3353


129.9095, 0.3021,
0.3319

 6.4715, 0.2840,
0.3366

163.1973, 0.3029,
0.3317

 3.1339, 0.2763,
0.3386

201.7348, 0.3035,
0.3315

 1.2020, 0.2628,
0.3419

245.9064, 0.3041,

 0.0633, 0.0000,

0.3314

0.3213

296.0967, 0.3046,
0.3312

0.0000, 0.0000,
0.0000

41.5682, 0.2972,
0.3332

41.5682, 0.2972,
0.3332

39.8324, 0.2848,
0.3371

43.5666, 0.3103,
0.3296

38.3430, 0.2734,
0.3413

45.8330, 0.3237,
0.3264

37.0898, 0.2632,
0.3458

48.3787, 0.3374,
0.3235

36.0599, 0.2545,
0.3505

51.2133, 0.3510,
0.3209

35.2392, 0.2475,
0.3554

54.3455, 0.3644,
0.3187

■ 34.6120, 0.2423,
0.3604

■ 56.3857, 0.3713,
0.3164

■ 34.1603, 0.2390,
0.3654

■ 56.4970, 0.3690,
0.3138

■ 33.8627, 0.2376,
0.3704

■ 56.6102, 0.3667,
0.3111

■ 33.6975, 0.2374,
0.3745

■ 56.7254, 0.3645,
0.3085

Harmonies

Analogous

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



41.5682, 0.3071, 0.3426



41.5682, 0.2972, 0.3332



41.5682, 0.2915, 0.3228

Triad

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



41.5682, 0.2972, 0.3332



41.5682, 0.3065, 0.3106



41.5682, 0.3346, 0.3434

Complementary

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



41.5682, 0.2972, 0.3332



35.6410, 0.3307, 0.3249

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.



41.5682, 0.3345, 0.3346



41.5682, 0.2972, 0.3332



41.5682, 0.3181, 0.3159

Square

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



41.5682, 0.2972, 0.3332



41.5682, 0.2968, 0.3099



41.5682, 0.3284, 0.3247



41.5682, 0.3287, 0.3484

Rectangle

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



41.5682, 0.2972, 0.3332



41.5682, 0.2907, 0.3167



41.5682, 0.3284, 0.3247



41.5682, 0.3352, 0.3407

Sweetspot

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



41.5699, 0.2972, 0.3332



77.1930, 0.3073, 0.3304



41.2336, 0.3140, 0.3591



16.6698, 0.3063, 0.3307



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.



41.5699, 0.2972, 0.3332



73.6666, 0.2942, 0.3341



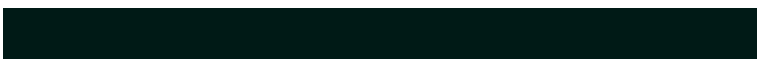
38.8682, 0.2947, 0.3185



9.6102, 0.3004, 0.3323



24.4233, 0.2372, 0.3739



0.7742, 0.2334, 0.3600

Inverse Universe

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



35.6410, 0.3307, 0.3249



61.1042, 0.3350, 0.3240



38.0753, 0.3323, 0.3393



8.5245, 0.3265, 0.3258



6.8299, 0.6182, 0.3179



0.2211, 0.5562, 0.2837

Previews

White Background



This preview shows how the Yxy color 41.5682, 0.2972, 0.3332 looks on a white background.

Color Contrast Check

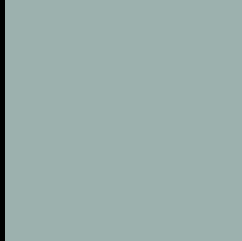
Large Text (above 18pt) WCAG AA × Fail

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 41.5682, 0.2972, 0.3332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

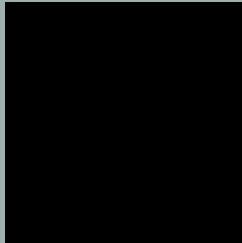
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.5682, 0.2972, 0.3332

Background



This preview shows how black text looks on a background with the Yxy color 41.5682, 0.2972, 0.3332.

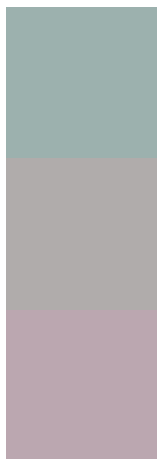


This preview shows how white text looks on a background with the Yxy color 41.5682, 0.2972, 0.3332.

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

41.5682, 0.2972, 0.3332

Protanopia

41.6754, 0.3172, 0.3304

Deuteranopia

41.3368, 0.3234, 0.3172



Tritanopia

41.7050, 0.2882, 0.3097

Trichromacy



Original Color

41.5682, 0.2972, 0.3332

Protanomaly

41.6857, 0.3099, 0.3318

Deuteranomaly

41.4511, 0.3139, 0.3236

Tritanomaly

41.7805, 0.2912, 0.3178

Monochromacy



Original Color

41.5682, 0.2972, 0.3332

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.8267, 0.3073, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5682, 0.2972, 0.3332 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(156, 177, 174)` looks like.

```
.text, #text, p{  
    color:rgb(156, 177, 174)  
}
```

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(156, 177, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 177, 174) }
```

Border

The CSS property to change the border of an element to Yxy 41.5682, 0.2972, 0.3332 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(156, 177, 174) }
```

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

```
.border{ border-color:rgb(156, 177, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 177, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 177, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 177, 174);  
box-shadow:4px 4px 4px 4px rgb(156, 177,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5682, 0.2972, 0.3332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 177, 174) }
```

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

```
.background{ background-color: rgb(156,  
177, 174) }
```

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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