

Converting Colors

$Yxy(41.7944, 0.3065, 0.3395)$

Have a look what the booklet for
Yxy(41.7944, 0.3065, 0.3395)
contains.

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Color

Yxy(41.5966, 0.3062, 0.3388)

Conversions

Conversions Part 1

Format	Color
Hex	A2B0A9
RGB	162, 176, 169
RGB Percent	64%, 69%, 66%
CMY	0.3645, 0.3098, 0.3372
CMYK	0.08, 0.00, 0.04, 0.31
HSL	150°, 8%, 66%
HSV	150°, 8%, 69%
XYZ	37.5941, 41.5966, 43.5856
YIQ	171.0160, -6.0970, -5.1450

Conversions

Conversions Part 2

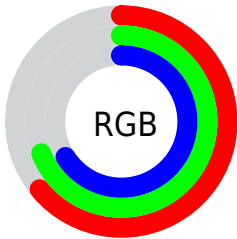
Format	Color
RYB	162, 171, 176
Decimal	10662057
CIELab	70.59, -6.21, 1.90
CIElCh	71, 6.498, 163.012
Yxy	41.5966, 0.3062, 0.3388
Android (android.graphics.Color)	4288852137 (0xFFA2B0A9)
YUV	171.0160, -0.9939, -7.9070
Hunter-Lab	64.4954, -8.8201, 5.0790

Details

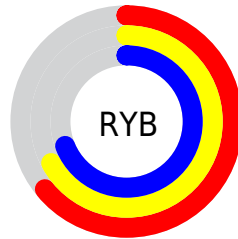
The Yxy color **41.5966, 0.3062, 0.3388** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.9518, 0.3198, 0.3194**, and the grayscale version is **40.7449, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.8468, 0.3076, 0.3376**, and **19.0147, 0.3037, 0.3428** is the 20% darker color. If you saturate the color by 10%, you get **39.5617, 0.2981, 0.3525**, and if you desaturate by 10%, it is **43.9154, 0.3144, 0.3266**.

Distribution



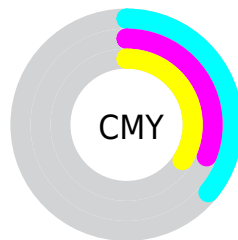
- Red (64%)
- Green (69%)
- Blue (66%)



- Red (64%)
- Yellow (67%)
- Blue (69%)



- Cyan (8%)
- Magenta (0%)
- Yellow (4%)
- Black (31%)



- Cyan (36%)
- Magenta (31%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.5966, 0.3062, 0.3388 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 41.5966, 0.3062, 0.3388 by changing the saturation by 10% instead.


 41.5966, 0.3062,
0.3388


 41.5966, 0.3062,
0.3388


352.8080, 0.3095,
0.3338

 28.7856, 0.3053,
0.3401


 77.5887, 0.3074,
0.3369

 18.9187, 0.3042,
0.3418


 101.5386, 0.3079,
0.3363

 11.6115, 0.3027,
0.3441


129.9702, 0.3083,
0.3357

 6.4797, 0.3005,
0.3474

163.2679, 0.3086,
0.3352

 3.1389, 0.2971,
0.3526

201.8162, 0.3089,
0.3348

 1.2047, 0.2910,
0.3619

245.9993, 0.3091,

 0.0655, 0.0000,

0.3344

1.0000

296.2018, 0.3094,
0.3341

0.0000, 0.0000,
0.0000

41.5966, 0.3062,
0.3388

41.5966, 0.3062,
0.3388

39.5617, 0.2981,
0.3525

43.9154, 0.3144,
0.3266

37.7942, 0.2905,
0.3676

46.5231, 0.3227,
0.3157

36.2841, 0.2835,
0.3841

49.4316, 0.3308,
0.3061

35.0186, 0.2775,
0.4018

52.6501, 0.3386,
0.2977

33.9839, 0.2729,
0.4206

56.1877, 0.3462,
0.2904

■ 33.1646, 0.2698,
0.4399

■ 57.5763, 0.3429,
0.2823

■ 32.5434, 0.2686,
0.4594

■ 58.0613, 0.3355,
0.2738

■ 32.1004, 0.2693,
0.4785

■ 58.5713, 0.3284,
0.2656

■ 31.8033, 0.2718,
0.4968

■ 59.1068, 0.3214,
0.2576

Harmonies

Analogous

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



41.5966, 0.3156, 0.3442



41.5966, 0.3062, 0.3388



41.5966, 0.2986, 0.3307

Triad

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



41.5966, 0.3062, 0.3388



41.5966, 0.3010, 0.3130



41.5966, 0.3311, 0.3354

Complementary

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



41.5966, 0.3062, 0.3388



37.9518, 0.3198, 0.3194

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.



41.5966, 0.3270, 0.3271



41.5966, 0.3062, 0.3388



41.5966, 0.3096, 0.3144

Square

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



41.5966, 0.3062, 0.3388



41.5966, 0.2956, 0.3158



41.5966, 0.3191, 0.3195



41.5966, 0.3301, 0.3421

Rectangle

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



41.5966, 0.3062, 0.3388



41.5966, 0.2955, 0.3249



41.5966, 0.3191, 0.3195



41.5966, 0.3303, 0.3327

Sweetspot

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



41.5984, 0.3062, 0.3388



77.8659, 0.3110, 0.3314



42.1205, 0.3182, 0.3484



16.8850, 0.3111, 0.3313



89.0005, 0.3127, 0.3290



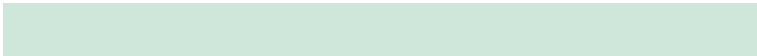
17.0645, 0.3127, 0.3290

Same Dimension

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



41.5984, 0.3062, 0.3388



74.5785, 0.3044, 0.3418



41.8587, 0.3009, 0.3293



9.5585, 0.3051, 0.3406



23.3092, 0.2718, 0.4986



0.7452, 0.2575, 0.4470

Inverse Universe

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



37.9518, 0.3198, 0.3194



66.2127, 0.3220, 0.3166



37.7046, 0.3259, 0.3287



8.5739, 0.3211, 0.3176



7.3032, 0.4925, 0.2487



0.2416, 0.4325, 0.2156

Previews

White Background



This preview shows how the Yxy color 41.5966, 0.3062, 0.3388 looks on a white background.

Color Contrast Check

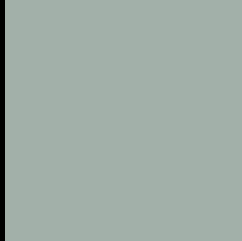
Large Text (above 18pt) WCAG AA × Fail

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 41.5966, 0.3062, 0.3388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

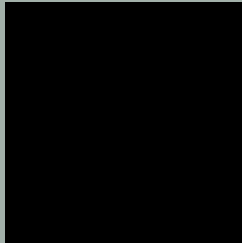
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

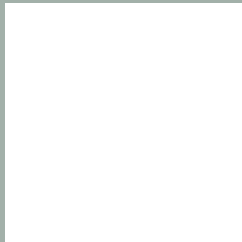
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.5966, 0.3062, 0.3388

Background



This preview shows how black text looks on a background with the Yxy color 41.5966, 0.3062, 0.3388.



This preview shows how white text looks on a background with the Yxy color 41.5966, 0.3062, 0.3388.

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

41.5966, 0.3062, 0.3388

Protanopia

41.6422, 0.3215, 0.3358

Deuteranopia

41.5249, 0.3307, 0.3238



Tritanopia

41.4743, 0.2946, 0.3099

Trichromacy



Original Color

41.5966, 0.3062, 0.3388

Protanomaly

41.4849, 0.3160, 0.3359

Deuteranomaly

41.3550, 0.3219, 0.3290

Tritanomaly

41.4599, 0.2992, 0.3207

Monochromacy



Original Color

41.5966, 0.3062, 0.3388

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

41.1143, 0.3107, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5966, 0.3062, 0.3388 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(162, 176, 169)` looks like.

```
.text, #text, p{  
    color:rgb(162, 176, 169)  
}
```

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(162, 176, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 176, 169) }
```

Border

The CSS property to change the border of an element to Yxy 41.5966, 0.3062, 0.3388 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(162, 176, 169) }
```

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

```
.border{ border-color:rgb(162, 176, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 176, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 176, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 176, 169);  
box-shadow:4px 4px 4px 4px rgb(162, 176,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5966, 0.3062, 0.3388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 176, 169) }
```

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

```
.background{ background-color: rgb(162,  
176, 169) }
```

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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