

Converting Colors

$Yxy(41.7441, 0.3137, 0.3437)$

Have a look what the booklet for
Yxy(41.7441, 0.3137, 0.3437)
contains.

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Color

Yxy(41.5920, 0.3138, 0.3430)

Conversions

Conversions Part 1

Format	Color
Hex	A7AFA5
RGB	167, 175, 165
RGB Percent	65%, 69%, 65%
CMY	0.3452, 0.3137, 0.3530
CMYK	0.05, 0.00, 0.06, 0.31
HSL	108°, 6%, 67%
HSV	108°, 6%, 69%
XYZ	38.0512, 41.5920, 41.6163
YIQ	171.4680, -1.5580, -4.8060

Conversions

Conversions Part 2

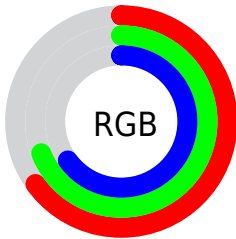
Format	Color
RYB	165, 175, 173
Decimal	10989477
CIELab	70.59, -4.72, 4.15
CIELCh	71, 6.283, 138.691
Yxy	41.5920, 0.3138, 0.3430
Android (android.graphics.Color)	4289179557 (0xFFA7AFA5)
YUV	171.4680, -3.1887, -3.9184
Hunter-Lab	64.4919, -7.5429, 6.8848

Details

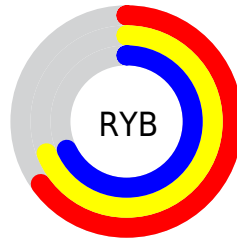
The Yxy color **41.5920, 0.3138, 0.3430** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.8934, 0.3115, 0.3152**, and the grayscale version is **40.9872, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.8487, 0.3135, 0.3408**, and **19.0030, 0.3142, 0.3485** is the 20% darker color. If you saturate the color by 10%, you get **39.5505, 0.3156, 0.3697**, and if you desaturate by 10%, it is **43.8908, 0.3119, 0.3192**.

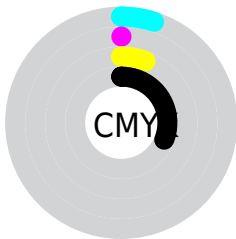
Distribution



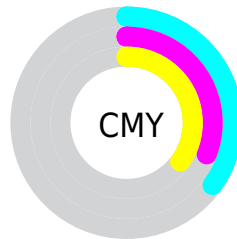
- Red (65%)
- Green (69%)
- Blue (65%)



- Red (65%)
- Yellow (69%)
- Blue (68%)



- Cyan (5%)
- Magenta (0%)
- Yellow (6%)
- Black (31%)





- Cyan (35%)
- Magenta (31%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.5920, 0.3138, 0.3430 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 41.5920, 0.3138, 0.3430 by changing the saturation by 10% instead.


 41.5920, 0.3138,
0.3430


 41.5920, 0.3138,
0.3430


352.7888, 0.3133,
0.3358

 28.7820, 0.3139,
0.3449


 77.5818, 0.3136,
0.3403

 18.9159, 0.3141,
0.3473


 101.5303, 0.3135,
0.3394

 11.6095, 0.3143,
0.3506


129.9604, 0.3135,
0.3385

 6.4784, 0.3145,
0.3554

163.2565, 0.3134,
0.3378

 3.1381, 0.3149,
0.3629

201.8030, 0.3134,
0.3372

 1.2043, 0.3153,
0.3764

245.9843, 0.3133,

 0.0652, 0.0000,

0.3367

1.0000

296.1848, 0.3133,
0.3362

0.0000, 0.0000,
0.0000

41.5920, 0.3138,
0.3430

41.5920, 0.3138,
0.3430

39.5505, 0.3156,
0.3697

43.8908, 0.3119,
0.3192

37.7523, 0.3171,
0.3993

46.4500, 0.3099,
0.2981

36.1896, 0.3182,
0.4311

49.2794, 0.3080,
0.2797

34.8526, 0.3186,
0.4643

52.3866, 0.3061,
0.2636

33.7306, 0.3183,
0.4975

55.7789, 0.3043,
0.2496

■ 32.8121, 0.3171,
0.5287

■ 58.4591, 0.3135,
0.2501

■ 32.0843, 0.3149,
0.5557

■ 59.1460, 0.3164,
0.2508

■ 31.5330, 0.3118,
0.5765

■ 31.1414, 0.3082,
0.5901

Harmonies

Analogous

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



41.5920, 0.3226, 0.3450



41.5920, 0.3138, 0.3430



41.5920, 0.3048, 0.3371

Triad

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



41.5920, 0.3138, 0.3430



41.5920, 0.2968, 0.3154



41.5920, 0.3276, 0.3287

Complementary

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



41.5920, 0.3138, 0.3430



38.8934, 0.3115, 0.3152

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.



41.5920, 0.3206, 0.3211



41.5920, 0.3138, 0.3430



41.5920, 0.3028, 0.3135

Square

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



41.5920, 0.3138, 0.3430



41.5920, 0.2951, 0.3211



41.5920, 0.3114, 0.3155



41.5920, 0.3307, 0.3366

Rectangle

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



41.5920, 0.3138, 0.3430



41.5920, 0.2999, 0.3318



41.5920, 0.3114, 0.3155



41.5920, 0.3256, 0.3261

Sweetspot

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



41.5938, 0.3138, 0.3430



75.9429, 0.3131, 0.3339



41.7236, 0.3212, 0.3400



16.8890, 0.3131, 0.3336



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.



41.5938, 0.3138, 0.3430



73.9410, 0.3141, 0.3466



41.4918, 0.3096, 0.3388



9.0985, 0.3141, 0.3474



22.2260, 0.3074, 0.5941



0.6399, 0.3271, 0.5785

Inverse Universe

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



38.8934, 0.3115, 0.3152



67.9834, 0.3112, 0.3118



39.0027, 0.3160, 0.3194



8.3332, 0.3112, 0.3110



6.2739, 0.2724, 0.1274



0.1946, 0.2880, 0.1360

Previews

White Background



This preview shows how the Yxy color 41.5920, 0.3138, 0.3430 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 41.5920, 0.3138, 0.3430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

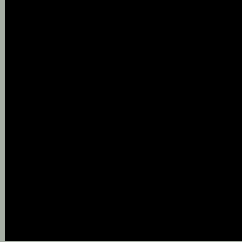
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

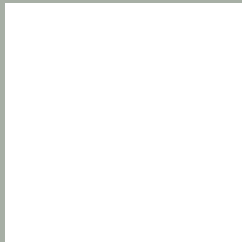
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.5920, 0.3138, 0.3430

Background



This preview shows how black text looks on a background with the Yxy color 41.5920, 0.3138, 0.3430.



This preview shows how white text looks on a background with the Yxy color 41.5920, 0.3138, 0.3430.

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

41.5920, 0.3138, 0.3430

Protanopia

41.6144, 0.3258, 0.3413

Deuteranopia

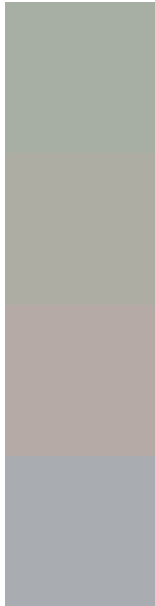
41.5038, 0.3352, 0.3291



Tritanopia

41.5963, 0.2996, 0.3101

Trichromacy



Original Color

41.5920, 0.3138, 0.3430

Protanomaly

41.5661, 0.3211, 0.3414

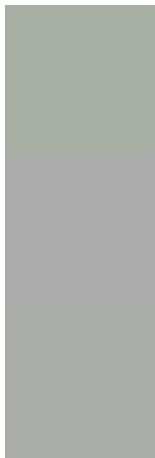
Deuteranomaly

41.4477, 0.3272, 0.3344

Tritanomaly

41.5365, 0.3051, 0.3221

Monochromacy



Original Color

41.5920, 0.3138, 0.3430

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.9157, 0.3134, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5920, 0.3138, 0.3430 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(167, 175, 165)` looks like.

```
.text, #text, p{  
    color:rgb(167, 175, 165)  
}
```

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(167, 175, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 175, 165) }
```

Border

The CSS property to change the border of an element to Yxy 41.5920, 0.3138, 0.3430 is called "border". The border property can be set on classes, ids or directly on the HTML element.

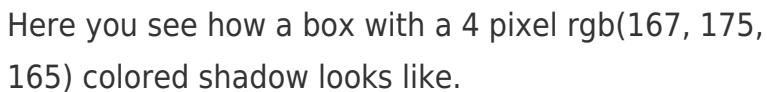
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 175, 165) }
```

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

```
.border{ border-color:rgb(167, 175, 165) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 175, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 175, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 175, 165); box-shadow:4px 4px 4px 4px rgb(167, 175, 165) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5920, 0.3138, 0.3430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 175, 165) }
```

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

```
.background{ background-color: rgb(167,  
175, 165) }
```

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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