

Converting Colors

Yxy(44.1349, 0.3092, 0.3443)

Have a look what the booklet for
Yxy(44.1349, 0.3092, 0.3443)
contains.

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Color

Yxy(44.1655, 0.3095, 0.3441)

Conversions

Conversions Part 1

Format	Color
Hex	A7B5AA
RGB	167, 181, 170
RGB Percent	65%, 71%, 67%
CMY	0.3449, 0.2902, 0.3333
CMYK	0.08, 0.00, 0.06, 0.29
HSL	133°, 9%, 68%
HSV	133°, 8%, 71%
XYZ	39.7246, 44.1655, 44.4607
YIQ	175.5600, -4.8130, -6.3890

Conversions

Conversions Part 2

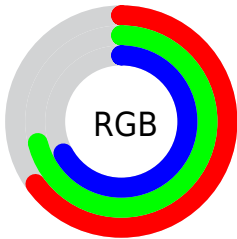
Format	Color
RYB	167, 179, 181
Decimal	10991018
CIELab	72.34, -6.94, 3.93
CIELCh	72, 7.975, 150.469
Yxy	44.1655, 0.3095, 0.3441
Android (android.graphics.Color)	4289181098 (0xFFA7B5AA)
YUV	175.5600, -2.7411, -7.5071
Hunter-Lab	66.4571, -9.6021, 6.8542

Details

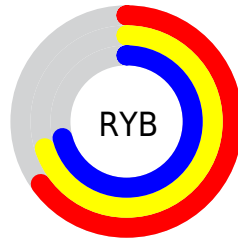
The Yxy color **44.1655, 0.3095, 0.3441** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.6970, 0.3161, 0.3144**, and the grayscale version is **43.1968, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.5342, 0.3101, 0.3417**, and **20.3912, 0.3083, 0.3481** is the 20% darker color. If you saturate the color by 10%, you get **41.8200, 0.3053, 0.3660**, and if you desaturate by 10%, it is **46.8494, 0.3137, 0.3248**.

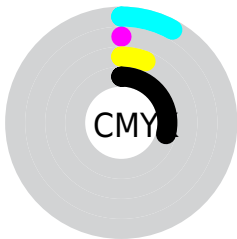
Distribution



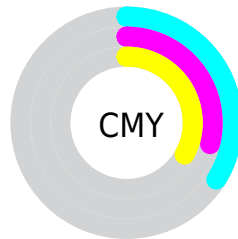
- Red (65%)
- Green (71%)
- Blue (67%)



- Red (65%)
- Yellow (70%)
- Blue (71%)



- Cyan (8%)
- Magenta (0%)
- Yellow (6%)
- Black (29%)





- Cyan (34%)
- Magenta (29%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.1655, 0.3095, 0.3441 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 44.1655, 0.3095, 0.3441 by changing the saturation by 10% instead.

 44.1655, 0.3095,
0.3441


 44.1655, 0.3095,
0.3441


363.3832, 0.3112,
0.3364

 30.8006, 0.3091,
0.3461


 81.4667, 0.3101,
0.3413

 20.4471, 0.3085,
0.3486


 106.1719, 0.3103,
0.3402

 12.7205, 0.3077,
0.3521


135.4259, 0.3105,
0.3393

 7.2363, 0.3066,
0.3571

169.6132, 0.3107,
0.3386

 3.6103, 0.3048,
0.3648

209.1182, 0.3108,
0.3379

 1.4581, 0.3016,
0.3782

254.3253, 0.3110,


 0.2589, 0.2238,


0.3374

0.7554


305.6188, 0.3111,
0.3369


 0.0000, 0.0000,
0.0000


 44.1655, 0.3095,
0.3441


 44.1655, 0.3095,
0.3441


 41.8200, 0.3053,
0.3660


 46.8494, 0.3137,
0.3248


 39.7939, 0.3012,
0.3904

 49.8784, 0.3177,
0.3078


 38.0751, 0.2974,
0.4171

 53.2664, 0.3215,
0.2931

 36.6482, 0.2941,
0.4457

 57.0247, 0.3252,
0.2803

 35.4967, 0.2916,
0.4752

 60.6769, 0.3265,
0.2688

■ 34.6024, 0.2902,
0.5044

■ 61.5234, 0.3161,
0.2565

■ 33.9450, 0.2901,
0.5317

■ 33.5005, 0.2912,
0.5553

■ 33.2341, 0.2934,
0.5742

Harmonies

Analogous

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



44.1655, 0.3209, 0.3486



44.1655, 0.3095, 0.3441



44.1655, 0.2991, 0.3353

Triad

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



44.1655, 0.3095, 0.3441



44.1655, 0.2953, 0.3106



44.1655, 0.3335, 0.3325

Complementary

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



44.1655, 0.3095, 0.3441



40.6970, 0.3161, 0.3144

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.



44.1655, 0.3264, 0.3227



44.1655, 0.3095, 0.3441



44.1655, 0.3043, 0.3102

Square

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



44.1655, 0.3095, 0.3441



44.1655, 0.2910, 0.3159



44.1655, 0.3157, 0.3146



44.1655, 0.3349, 0.3417

Rectangle

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



44.1655, 0.3095, 0.3441



44.1655, 0.2941, 0.3284



44.1655, 0.3157, 0.3146



44.1655, 0.3317, 0.3292

Sweetspot

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



44.1674, 0.3095, 0.3441



81.7595, 0.3119, 0.3328



45.3245, 0.3215, 0.3477



17.6825, 0.3119, 0.3326



91.1408, 0.3127, 0.3290



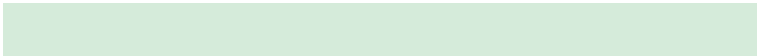
17.8868, 0.3127, 0.3290

Same Dimension

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



44.1674, 0.3095, 0.3441



78.4659, 0.3089, 0.3471



44.4318, 0.3042, 0.3347



9.5185, 0.3088, 0.3475



22.8885, 0.2933, 0.5760



0.7286, 0.2788, 0.5237

Inverse Universe

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



40.6970, 0.3161, 0.3144



71.1485, 0.3168, 0.3115



40.4301, 0.3220, 0.3234



8.6154, 0.3169, 0.3112



8.1449, 0.3818, 0.1877



0.2640, 0.3618, 0.1767

Previews

White Background



This preview shows how the Yxy color 44.1655, 0.3095, 0.3441 looks on a white background.

Color Contrast Check

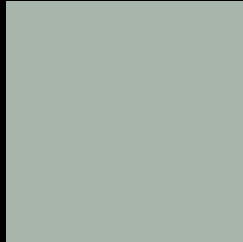
Large Text (above 18pt) WCAG AA × Fail

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 44.1655, 0.3095, 0.3441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

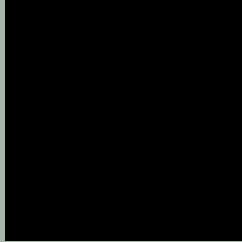
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

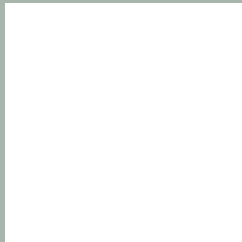
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.1655, 0.3095, 0.3441

Background



This preview shows how black text looks on a background with the Yxy color 44.1655, 0.3095, 0.3441.



This preview shows how white text looks on a background with the Yxy color 44.1655, 0.3095, 0.3441.

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

44.1655, 0.3095, 0.3441

Protanopia

43.9451, 0.3256, 0.3397

Deuteranopia

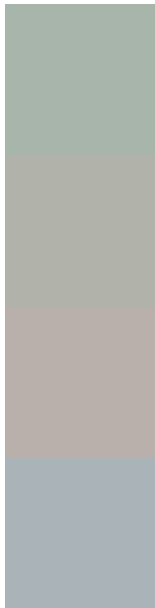
43.8401, 0.3348, 0.3278



Tritanopia

44.3045, 0.2959, 0.3104

Trichromacy



Original Color

44.1655, 0.3095, 0.3441

Protanomaly

44.0525, 0.3192, 0.3411

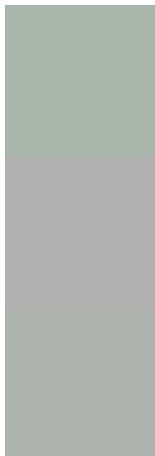
Deuteranomaly

43.9145, 0.3250, 0.3343

Tritanomaly

44.2469, 0.3012, 0.3223

Monochromacy



Original Color

44.1655, 0.3095, 0.3441

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.7810, 0.3116, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1655, 0.3095, 0.3441 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, 181, 170)` looks like.

```
.text, #text, p{  
    color:rgb(167, 181, 170)  
}
```

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, 181, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 181, 170) }
```

Border

The CSS property to change the border of an element to Yxy 44.1655, 0.3095, 0.3441 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, 181, 170) }
```

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

```
.border{ border-color:rgb(167, 181, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 181, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 181, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 181, 170);  
box-shadow:4px 4px 4px 4px rgb(167, 181,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1655, 0.3095, 0.3441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 181, 170) }
```

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

```
.background{ background-color: rgb(167,  
181, 170) }
```

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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