

Converting Colors

$Yxy(43.0460, 0.3154, 0.3465)$

Have a look what the booklet for
Yxy(43.0460, 0.3154, 0.3465)
contains.

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Color

Yxy(42.9924, 0.3154, 0.3470)

Conversions

Conversions Part 1

Format	Color
Hex	A9B2A5
RGB	169, 178, 165
RGB Percent	66%, 70%, 65%
CMY	0.3371, 0.3020, 0.3530
CMYK	0.05, 0.00, 0.07, 0.30
HSL	101°, 8%, 67%
HSV	101°, 7%, 70%
XYZ	39.0772, 42.9924, 41.8278
YIQ	173.8270, -1.1910, -5.9510

Conversions

Conversions Part 2

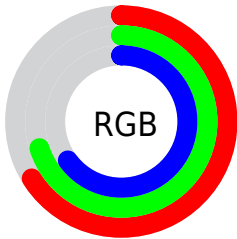
Format	Color
RYB	165, 178, 174
Decimal	11121317
CIELab	71.55, -5.58, 5.56
CIELCh	72, 7.876, 135.104
Yxy	42.9924, 0.3154, 0.3470
Android (android.graphics.Color)	4289311397 (0xFFA9B2A5)
YUV	173.8270, -4.3517, -4.2333
Hunter-Lab	65.5686, -8.3635, 8.0755

Details

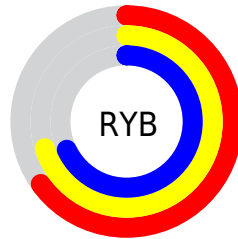
The Yxy color **42.9924, 0.3154, 0.3470** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.1120, 0.3098, 0.3113**, and the grayscale version is **42.2597, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.8602, 0.3147, 0.3439**, and **19.6414, 0.3165, 0.3522** is the 20% darker color. If you saturate the color by 10%, you get **41.0965, 0.3190, 0.3739**, and if you desaturate by 10%, it is **45.1095, 0.3117, 0.3227**.

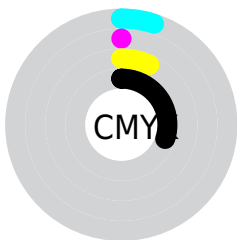
Distribution



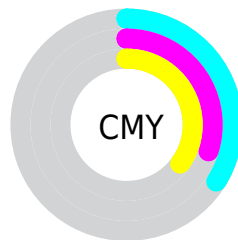
- Red (66%)
- Green (70%)
- Blue (65%)



- Red (65%)
- Yellow (70%)
- Blue (68%)



- Cyan (5%)
- Magenta (0%)
- Yellow (7%)
- Black (30%)





- Cyan (34%)
- Magenta (30%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.9924, 0.3154, 0.3470 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 42.9924, 0.3154, 0.3470 by changing the saturation by 10% instead.


 42.9924, 0.3154,
0.3470


 42.9924, 0.3154,
0.3470


358.5805, 0.3141,
0.3378

 29.8792, 0.3157,
0.3494


 79.6994, 0.3149,
0.3436

 19.7469, 0.3161,
0.3525


 104.0619, 0.3148,
0.3423

 12.2112, 0.3166,
0.3567

132.9430, 0.3146,
0.3413

 6.8877, 0.3174,
0.3627

166.7270, 0.3145,
0.3404

 3.3919, 0.3184,
0.3721

205.7984, 0.3144,
0.3396

 1.3396, 0.3198,
0.3888

250.5415, 0.3143,

 0.1716, 0.1354,

0.3389

0.8646

301.3408, 0.3142,
0.3383

0.0000, 0.0000,
0.0000

42.9924, 0.3154,
0.3470

42.9924, 0.3154,
0.3470

41.0965, 0.3190,
0.3739

45.1095, 0.3117,
0.3227

39.4091, 0.3222,
0.4031

47.4492, 0.3081,
0.3011

37.9244, 0.3249,
0.4343

50.0198, 0.3045,
0.2819

36.6344, 0.3268,
0.4663

52.8275, 0.3011,
0.2649

35.5304, 0.3275,
0.4979

55.8784, 0.2978,
0.2501

■ 34.6030, 0.3269,
0.5272

■ 58.0497, 0.3066,
0.2514

■ 33.8419, 0.3247,
0.5524

■ 60.3015, 0.3162,
0.2536

■ 33.2356, 0.3211,
0.5719

■ 60.3200, 0.3163,
0.2536

■ 32.7688, 0.3164,
0.5849

Harmonies

Analogous

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



42.9924, 0.3261, 0.3487



42.9924, 0.3154, 0.3470



42.9924, 0.3041, 0.3402

Triad

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



42.9924, 0.3154, 0.3470



42.9924, 0.2925, 0.3128



42.9924, 0.3304, 0.3274

Complementary

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



42.9924, 0.3154, 0.3470



39.1120, 0.3098, 0.3113

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.



42.9924, 0.3211, 0.3182



42.9924, 0.3154, 0.3470



42.9924, 0.2993, 0.3098

Square

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



42.9924, 0.3154, 0.3470



42.9924, 0.2911, 0.3202



42.9924, 0.3097, 0.3118



42.9924, 0.3349, 0.3372

Rectangle

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



42.9924, 0.3154, 0.3470



42.9924, 0.2978, 0.3337



42.9924, 0.3097, 0.3118



42.9924, 0.3277, 0.3242

Sweetspot

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



42.9942, 0.3154, 0.3470



79.9436, 0.3135, 0.3339



42.4054, 0.3239, 0.3411



17.7207, 0.3134, 0.3336



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.



42.9942, 0.3154, 0.3470



77.3053, 0.3161, 0.3518



42.6414, 0.3100, 0.3438



9.6139, 0.3161, 0.3522



23.4000, 0.3160, 0.5873



0.7680, 0.3391, 0.5690

Inverse Universe

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



39.1120, 0.3098, 0.3113



68.5974, 0.3090, 0.3066



39.4885, 0.3156, 0.3146



8.5116, 0.3090, 0.3062



5.3303, 0.2447, 0.1122



0.1969, 0.2668, 0.1244

Previews

White Background



This preview shows how the Yxy color 42.9924, 0.3154, 0.3470 looks on a white background.

Color Contrast Check

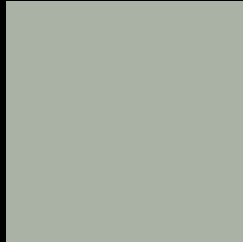
Large Text (above 18pt) WCAG AA × Fail

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 42.9924, 0.3154, 0.3470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

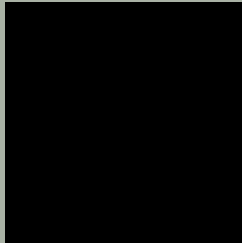
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

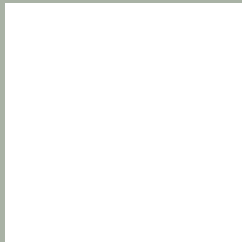
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.9924, 0.3154, 0.3470

Background



This preview shows how black text looks on a background with the Yxy color 42.9924, 0.3154, 0.3470.



This preview shows how white text looks on a background with the Yxy color 42.9924, 0.3154, 0.3470.

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

42.9924, 0.3154, 0.3470

Protanopia

42.7402, 0.3283, 0.3439

Deuteranopia

42.7681, 0.3386, 0.3317



Tritanopia

43.1750, 0.3006, 0.3117

Trichromacy



Original Color

42.9924, 0.3154, 0.3470

Protanomaly

42.6874, 0.3236, 0.3440

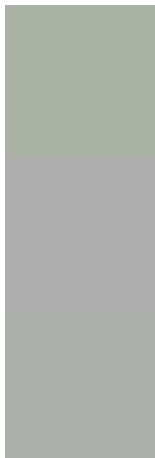
Deuteranomaly

42.6973, 0.3306, 0.3370

Tritanomaly

43.1166, 0.3060, 0.3236

Monochromacy



Original Color

42.9924, 0.3154, 0.3470

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.3709, 0.3133, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9924, 0.3154, 0.3470 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(169, 178, 165)` looks like.

```
.text, #text, p{  
    color:rgb(169, 178, 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(169, 178, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 178, 165) }
```

Border

The CSS property to change the border of an element to Yxy 42.9924, 0.3154, 0.3470 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(169, 178, 165) }
```

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

```
.border{ border-color:rgb(169, 178, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 178, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 178, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 178, 165);  
box-shadow:4px 4px 4px 4px rgb(169, 178,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9924, 0.3154, 0.3470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 178, 165) }
```

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

```
.background{ background-color: rgb(169,  
178, 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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