

Converting Colors

$Yxy(44.4039, 0.3093, 0.3460)$

Have a look what the booklet for
Yxy(44.4039, 0.3093, 0.3460)
contains.

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Color

Yxy(44.4275, 0.3093, 0.3469)

Conversions

Conversions Part 1

Format	Color
Hex	A6B6A9
RGB	166, 182, 169
RGB Percent	65%, 71%, 66%
CMY	0.3491, 0.2862, 0.3372
CMYK	0.09, 0.00, 0.07, 0.29
HSL	131°, 10%, 68%
HSV	131°, 9%, 71%
XYZ	39.6121, 44.4275, 44.0305
YIQ	175.7340, -5.3630, -7.4350

Conversions

Conversions Part 2

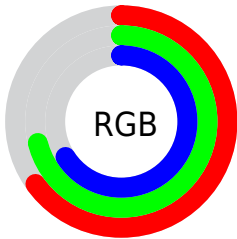
Format	Color
RYB	166, 179, 182
Decimal	10925737
CIELab	72.51, -8.04, 4.71
CIELCh	73, 9.322, 149.641
Yxy	44.4275, 0.3093, 0.3469
Android (android.graphics.Color)	4289115817 (0xFFA6B6A9)
YUV	175.7340, -3.3199, -8.5367
Hunter-Lab	66.6540, -10.5629, 7.4918

Details

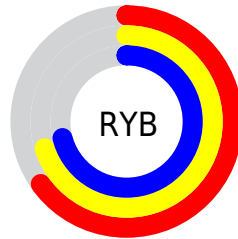
The Yxy color $44.4275, 0.3093, 0.3469$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $40.4627, 0.3163, 0.3117$, and the grayscale version is $43.2893, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.9030, 0.3100, 0.3439$, and $20.5623, 0.3082, 0.3520$ is the 20% darker color. If you saturate the color by 10%, you get $42.0768, 0.3054, 0.3697$, and if you desaturate by 10%, it is $47.1229, 0.3132, 0.3267$.

Distribution



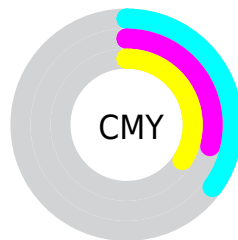
- Red (65%)
- Green (71%)
- Blue (66%)



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



- Cyan (9%)
- Magenta (0%)
- Yellow (7%)
- Black (29%)



- Cyan (35%)
- Magenta (29%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.4275, 0.3093, 0.3469 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 44.4275, 0.3093, 0.3469 by changing the saturation by 10% instead.

■ 44.4275, 0.3093,
0.3469

■ 44.4275, 0.3093,
0.3469

364.4499, 0.3111,
0.3378

■ 31.0067, 0.3088,
0.3492

■ 81.8606, 0.3100,
0.3435

■ 20.6040, 0.3082,
0.3523

■ 106.6418, 0.3102,
0.3423

■ 12.8348, 0.3074,
0.3564

135.9786, 0.3104,
0.3412

■ 7.3149, 0.3061,
0.3623

170.2553, 0.3106,
0.3403

■ 3.6598, 0.3042,
0.3715

209.8564, 0.3107,
0.3396

■ 1.4851, 0.3006,
0.3875

255.1663, 0.3109,

■ 0.2782, 0.1966,

0.3389

0.8034

306.5693, 0.3110,
0.3383

0.0000, 0.0000,
0.0000

44.4275, 0.3093,
0.3469

44.4275, 0.3093,
0.3469

42.0768, 0.3054,
0.3697

47.1229, 0.3132,
0.3267

40.0513, 0.3016,
0.3951

50.1701, 0.3169,
0.3091

38.3384, 0.2980,
0.4229

53.5834, 0.3205,
0.2937

36.9223, 0.2950,
0.4524

57.3743, 0.3238,
0.2804

35.7858, 0.2928,
0.4826

61.1767, 0.3253,
0.2686

■ 34.9100, 0.2915,
0.5122

■ 61.9401, 0.3161,
0.2575

■ 34.2737, 0.2915,
0.5392

■ 33.8519, 0.2927,
0.5622

■ 33.6031, 0.2947,
0.5798

Harmonies

Analogous

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



44.4275, 0.3226, 0.3520



44.4275, 0.3093, 0.3469



44.4275, 0.2971, 0.3367

Triad

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



44.4275, 0.3093, 0.3469



44.4275, 0.2922, 0.3076



44.4275, 0.3368, 0.3327

Complementary

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



44.4275, 0.3093, 0.3469



40.4627, 0.3163, 0.3117

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.



44.4275, 0.3284, 0.3213



44.4275, 0.3093, 0.3469



44.4275, 0.3025, 0.3070

Square

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



44.4275, 0.3093, 0.3469



44.4275, 0.2874, 0.3139



44.4275, 0.3157, 0.3120



44.4275, 0.3387, 0.3434

Rectangle

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



44.4275, 0.3093, 0.3469



44.4275, 0.2912, 0.3286



44.4275, 0.3157, 0.3120



44.4275, 0.3347, 0.3289

Sweetspot

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



44.4294, 0.3093, 0.3469



83.2754, 0.3115, 0.3350



45.8044, 0.3230, 0.3505



18.3057, 0.3112, 0.3366



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



44.4294, 0.3093, 0.3469



79.4720, 0.3084, 0.3521



44.7359, 0.3032, 0.3359



10.0872, 0.3091, 0.3481



23.7174, 0.2944, 0.5799



0.8445, 0.2816, 0.5337

Inverse Universe

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



40.4627, 0.3163, 0.3117



70.4882, 0.3174, 0.3070



40.1515, 0.3232, 0.3222



9.1327, 0.3166, 0.3107



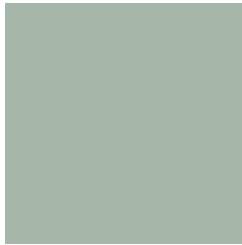
8.5308, 0.3748, 0.1838



0.3084, 0.3585, 0.1749

Previews

White Background



This preview shows how the Yxy color 44.4275, 0.3093, 0.3469 looks on a white background.

Color Contrast Check

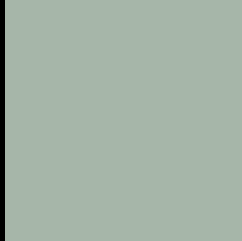
Large Text (above 18pt) WCAG AA × Fail

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 44.4275, 0.3093, 0.3469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

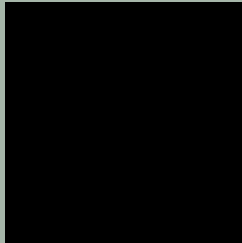
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

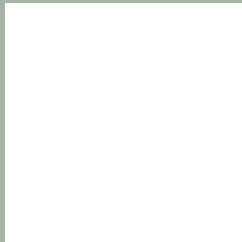
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.4275, 0.3093, 0.3469

Background



This preview shows how black text looks on a background with the Yxy color 44.4275, 0.3093, 0.3469.

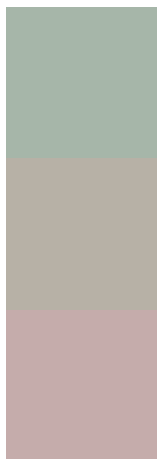


This preview shows how white text looks on a background with the Yxy color 44.4275, 0.3093, 0.3469.

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

44.4275, 0.3093, 0.3469

Protanopia

44.2647, 0.3271, 0.3437

Deuteranopia

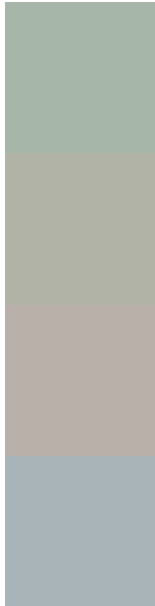
44.3156, 0.3364, 0.3303



Tritanopia

44.6365, 0.2943, 0.3104

Trichromacy



Original Color

44.4275, 0.3093, 0.3469

Protanomaly

44.3773, 0.3207, 0.3452

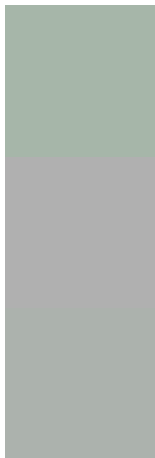
Deuteranomaly

44.3921, 0.3266, 0.3369

Tritanomaly

44.5382, 0.3003, 0.3236

Monochromacy



Original Color

44.4275, 0.3093, 0.3469

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.6286, 0.3115, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4275, 0.3093, 0.3469 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(166, 182, 169)` looks like.

```
.text, #text, p{  
    color:rgb(166, 182, 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(166, 182, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 182, 169) }
```

Border

The CSS property to change the border of an element to Yxy 44.4275, 0.3093, 0.3469 is called "border". The border property can be set on classes, ids or directly on the HTML element.

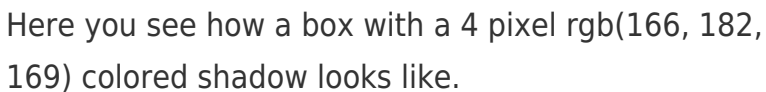
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(166, 182, 169) }
```

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

```
.border{ border-color:rgb(166, 182, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(166, 182, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 182, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 182, 169); box-shadow:4px 4px 4px 4px rgb(166, 182, 169) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4275, 0.3093, 0.3469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 182, 169) }
```

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

```
.background{ background-color: rgb(166,  
182, 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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