

Converting Colors

$Yxy(44.4286, 0.3072, 0.3385)$

Have a look what the booklet for
Yxy(44.4286, 0.3072, 0.3385)
contains.

Yxy(44.4286, 0.3072, 0.3385)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(44.4286, 0.3072, 0.3385)

Conversions

Conversions Part 1

Format	Color
Hex	A8B5AE
RGB	168, 181, 174
RGB Percent	66%, 71%, 68%
CMY	0.3410, 0.2902, 0.3176
CMYK	0.07, 0.00, 0.04, 0.29
HSL	148°, 8%, 68%
HSV	148°, 7%, 71%
XYZ	40.3204, 44.4286, 46.5024
YIQ	176.3150, -5.5010, -4.9330

Conversions

Conversions Part 2

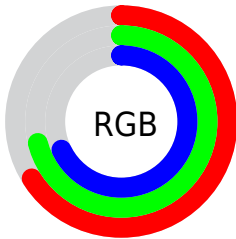
Format	Color
RYB	168, 177, 181
Decimal	11056558
CIELab	72.51, -5.83, 2.00
CIELCh	73, 6.166, 161.117
Yxy	44.4286, 0.3072, 0.3385
Android (android.graphics.Color)	4289246638 (0xFFA8B5AE)
YUV	176.3150, -1.1413, -7.2923
Hunter-Lab	66.6548, -8.6687, 5.2941

Details

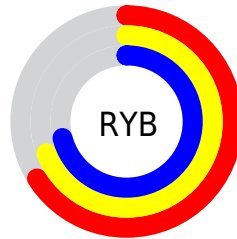
The Yxy color **44.4286, 0.3072, 0.3385** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.9406, 0.3186, 0.3197**, and the grayscale version is **43.6020, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.9135, 0.3084, 0.3374**, and **20.5565, 0.3052, 0.3403** is the 20% darker color. If you saturate the color by 10%, you get **42.2129, 0.2996, 0.3531**, and if you desaturate by 10%, it is **46.9522, 0.3149, 0.3254**.

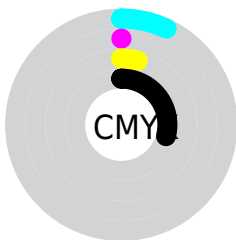
Distribution



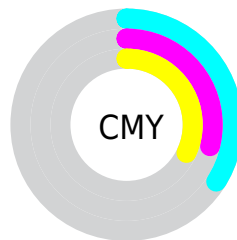
- Red (66%)
- Green (71%)
- Blue (68%)



- Red (66%)
- Yellow (69%)
- Blue (71%)



- Cyan (7%)
- Magenta (0%)
- Yellow (4%)
- Black (29%)





- Cyan (34%)
- Magenta (29%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.4286, 0.3072, 0.3385 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 44.4286, 0.3072, 0.3385 by changing the saturation by 10% instead.

 44.4286, 0.3072,
0.3385

 44.4286, 0.3072,
0.3385


364.4544, 0.3100,
0.3337

 31.0076, 0.3065,
0.3397


 81.8623, 0.3082,
0.3367

 20.6046, 0.3056,
0.3413


 106.6438, 0.3086,
0.3361

 12.8353, 0.3043,
0.3435

135.9809, 0.3089,
0.3355

 7.3152, 0.3025,
0.3465

170.2580, 0.3092,
0.3350

 3.6600, 0.2998,
0.3512

209.8595, 0.3094,
0.3346

 1.4853, 0.2952,
0.3593

255.1698, 0.3097,

 0.2783, 0.2165,

0.3343

0.4935

306.5733, 0.3098,
0.3340

0.0000, 0.0000,
0.0000

44.4286, 0.3072,
0.3385

44.4286, 0.3072,
0.3385

42.2129, 0.2996,
0.3531

46.9522, 0.3149,
0.3254

40.2875, 0.2924,
0.3694

49.7893, 0.3226,
0.3139

38.6416, 0.2858,
0.3872

52.9525, 0.3301,
0.3037

37.2614, 0.2801,
0.4063

56.4520, 0.3374,
0.2947

36.1321, 0.2756,
0.4265

59.6196, 0.3414,
0.2865

■ 35.2372, 0.2727,
0.4474

■ 60.1602, 0.3335,
0.2771

■ 34.5583, 0.2716,
0.4684

■ 60.7315, 0.3258,
0.2680

■ 34.0738, 0.2725,
0.4888

■ 61.3341, 0.3183,
0.2592

■ 33.7533, 0.2751,
0.5080

■ 61.5241, 0.3161,
0.2565

Harmonies

Analogous

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



44.4286, 0.3160, 0.3433



44.4286, 0.3072, 0.3385



44.4286, 0.2999, 0.3311

Triad

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



44.4286, 0.3072, 0.3385



44.4286, 0.3014, 0.3142



44.4286, 0.3296, 0.3345

Complementary

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



44.4286, 0.3072, 0.3385



40.9406, 0.3186, 0.3197

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.



44.4286, 0.3256, 0.3268



44.4286, 0.3072, 0.3385



44.4286, 0.3093, 0.3152

Square

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



44.4286, 0.3072, 0.3385



44.4286, 0.2966, 0.3170



44.4286, 0.3181, 0.3198



44.4286, 0.3290, 0.3408

Rectangle

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



44.4286, 0.3072, 0.3385



44.4286, 0.2969, 0.3257



44.4286, 0.3181, 0.3198



44.4286, 0.3288, 0.3319

Sweetspot

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



44.4305, 0.3072, 0.3385



81.8259, 0.3111, 0.3316



45.0060, 0.3180, 0.3465



17.6961, 0.3112, 0.3315



91.1408, 0.3127, 0.3290



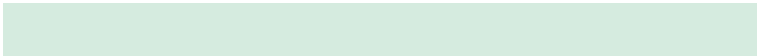
17.8868, 0.3127, 0.3290

Same Dimension

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



44.4305, 0.3072, 0.3385



78.7466, 0.3057, 0.3413



44.6832, 0.3023, 0.3298



9.5531, 0.3055, 0.3415



23.2318, 0.2753, 0.5110



0.7428, 0.2601, 0.4564

Inverse Universe

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



40.9406, 0.3186, 0.3197



70.8562, 0.3204, 0.3170



40.6977, 0.3241, 0.3282



8.5793, 0.3206, 0.3168



7.3881, 0.4767, 0.2400



0.2441, 0.4223, 0.2100

Previews

White Background



This preview shows how the Yxy color 44.4286, 0.3072, 0.3385 looks on a white background.

Color Contrast Check

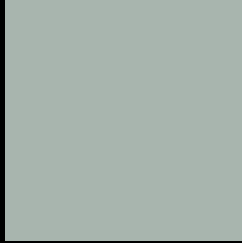
Large Text (above 18pt) WCAG AA × Fail

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 44.4286, 0.3072, 0.3385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

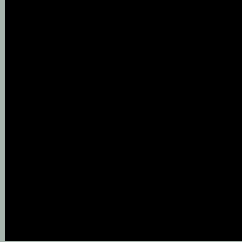
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

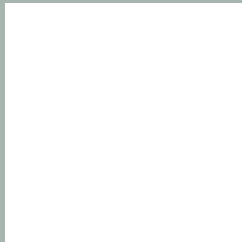
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.4286, 0.3072, 0.3385

Background



This preview shows how black text looks on a background with the Yxy color 44.4286, 0.3072, 0.3385.



This preview shows how white text looks on a background with the Yxy color 44.4286, 0.3072, 0.3385.

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

44.4286, 0.3072, 0.3385

Protanopia

44.3679, 0.3212, 0.3357

Deuteranopia

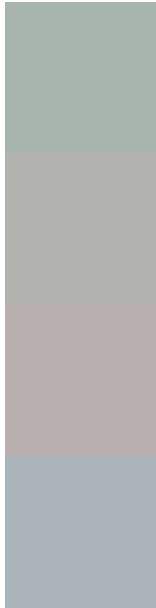
44.2417, 0.3302, 0.3239



Tritanopia

44.3045, 0.2959, 0.3104

Trichromacy



Original Color

44.4286, 0.3072, 0.3385

Protanomaly

44.2050, 0.3159, 0.3357

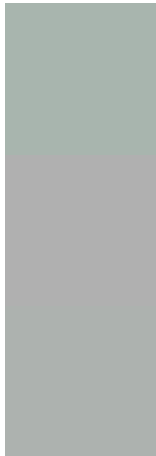
Deuteranomaly

44.0694, 0.3216, 0.3290

Tritanomaly

44.2890, 0.3004, 0.3209

Monochromacy



Original Color

44.4286, 0.3072, 0.3385

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.8202, 0.3108, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4286, 0.3072, 0.3385 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(168, 181, 174)` looks like.

```
.text, #text, p{  
    color:rgb(168, 181, 174)  
}
```

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(168, 181, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 181, 174) }
```

Border

The CSS property to change the border of an element to Yxy 44.4286, 0.3072, 0.3385 is called "border". The border property can be set on classes, ids or directly on the HTML element.

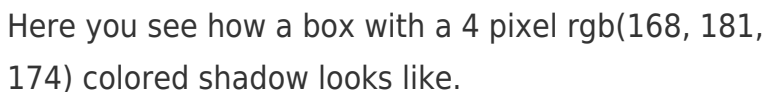
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 181, 174) }
```

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

```
.border{ border-color:rgb(168, 181, 174) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 181, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 181, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 181, 174); box-shadow:4px 4px 4px 4px rgb(168, 181, 174) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4286, 0.3072, 0.3385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 181, 174) }
```

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

```
.background{ background-color: rgb(168,  
181, 174) }
```

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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