

Converting Colors

Yxy(44.1653, 0.3089, 0.3361)

Have a look what the booklet for
Yxy(44.1653, 0.3089, 0.3361)
contains.

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Color

Yxy(44.2446, 0.3089, 0.3371)

Conversions

Conversions Part 1

Format	Color
Hex	AAB4AE
RGB	170, 180, 174
RGB Percent	67%, 71%, 68%
CMY	0.3333, 0.2941, 0.3175
CMYK	0.06, 0.00, 0.03, 0.29
HSL	144°, 6%, 69%
HSV	144°, 6%, 71%
XYZ	40.5433, 44.2446, 46.4627
YIQ	176.3260, -4.0340, -3.9860

Conversions

Conversions Part 2

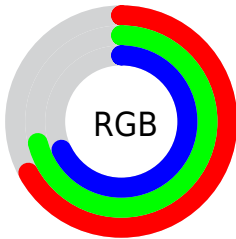
Format	Color
RYB	170, 177, 180
Decimal	11187374
CIELab	72.39, -4.62, 1.83
CIELCh	72, 4.964, 158.401
Yxy	44.2446, 0.3089, 0.3371
Android (android.graphics.Color)	4289377454 (0xFFAAB4AE)
YUV	176.3260, -1.1467, -5.5479
Hunter-Lab	66.5166, -7.6044, 5.1468

Details

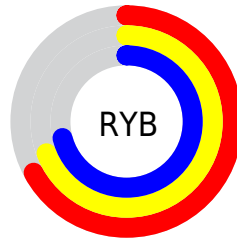
The Yxy color **44.2446, 0.3089, 0.3371** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.5919, 0.3167, 0.3210**, and the grayscale version is **43.6056, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.6556, 0.3097, 0.3363**, and **20.4354, 0.3076, 0.3384** is the 20% darker color. If you saturate the color by 10%, you get **41.9726, 0.3021, 0.3531**, and if you desaturate by 10%, it is **46.8287, 0.3158, 0.3229**.

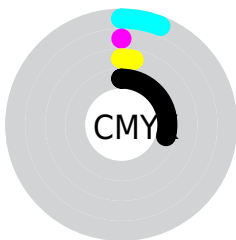
Distribution



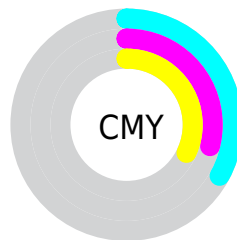
- Red (67%)
- Green (71%)
- Blue (68%)



- Red (67%)
- Yellow (69%)
- Blue (71%)



- Cyan (6%)
- Magenta (0%)
- Yellow (3%)
- Black (29%)



- Cyan (33%)
- Magenta (29%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.2446, 0.3089, 0.3371 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 44.2446, 0.3089, 0.3371 by changing the saturation by 10% instead.

■ 44.2446, 0.3089,
0.3371

■ 44.2446, 0.3089,
0.3371

363.7055, 0.3108,
0.3330

■ 30.8629, 0.3084,
0.3381

■ 81.5857, 0.3096,
0.3356

■ 20.4944, 0.3078,
0.3395

106.3138, 0.3099,
0.3350

■ 12.7550, 0.3069,
0.3413

135.5928, 0.3101,
0.3346

■ 7.2600, 0.3057,
0.3439

169.8072, 0.3103,
0.3342

■ 3.6252, 0.3038,
0.3479

209.3412, 0.3105,
0.3338

■ 1.4662, 0.3005,
0.3548

254.5793, 0.3106,

■ 0.2648, 0.2463,

0.3335

0.4692

305.9060, 0.3107,
0.3332

0.0000, 0.0000,
0.0000

44.2446, 0.3089,
0.3371

44.2446, 0.3089,
0.3371

41.9726, 0.3021,
0.3531

46.8287, 0.3158,
0.3229

39.9950, 0.2955,
0.3709

49.7304, 0.3226,
0.3103

38.3013, 0.2894,
0.3905

52.9623, 0.3292,
0.2993

36.8777, 0.2842,
0.4117

56.5344, 0.3355,
0.2897

35.7096, 0.2800,
0.4341

59.4932, 0.3374,
0.2806

■ 34.7807, 0.2773,
0.4572

■ 60.1089, 0.3288,
0.2704

■ 34.0729, 0.2762,
0.4802

■ 60.7624, 0.3204,
0.2606

■ 33.5654, 0.2771,
0.5025

■ 61.1216, 0.3162,
0.2556

■ 33.2320, 0.2796,
0.5230

Harmonies

Analogous

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



44.2446, 0.3160, 0.3407



44.2446, 0.3089, 0.3371



44.2446, 0.3028, 0.3313

Triad

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



44.2446, 0.3089, 0.3371



44.2446, 0.3031, 0.3171



44.2446, 0.3262, 0.3329

Complementary

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



44.2446, 0.3089, 0.3371



41.5919, 0.3167, 0.3210

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.



44.2446, 0.3227, 0.3267



44.2446, 0.3089, 0.3371



44.2446, 0.3093, 0.3177

Square

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



44.2446, 0.3089, 0.3371



44.2446, 0.2995, 0.3197



44.2446, 0.3165, 0.3211



44.2446, 0.3261, 0.3382

Rectangle

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



44.2446, 0.3089, 0.3371



44.2446, 0.3002, 0.3270



44.2446, 0.3165, 0.3211



44.2446, 0.3254, 0.3308

Sweetspot

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



44.2465, 0.3089, 0.3371



81.8102, 0.3113, 0.3319



44.7751, 0.3173, 0.3424



17.6929, 0.3114, 0.3318



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.



44.2465, 0.3089, 0.3371



79.5452, 0.3078, 0.3395



44.4439, 0.3050, 0.3303



9.6408, 0.3076, 0.3400



23.1254, 0.2804, 0.5294



0.7393, 0.2642, 0.4711

Inverse Universe

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



41.5919, 0.3167, 0.3210



73.4304, 0.3179, 0.3187



41.3988, 0.3210, 0.3277



8.8654, 0.3182, 0.3182



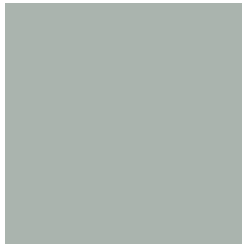
7.5354, 0.4526, 0.2267



0.2483, 0.4069, 0.2015

Previews

White Background



This preview shows how the Yxy color 44.2446, 0.3089, 0.3371 looks on a white background.

Color Contrast Check

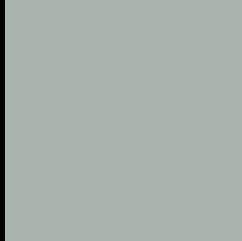
Large Text (above 18pt) WCAG AA × Fail

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 44.2446, 0.3089, 0.3371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

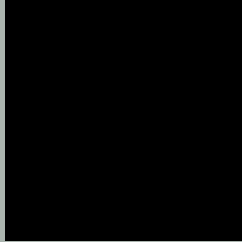
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

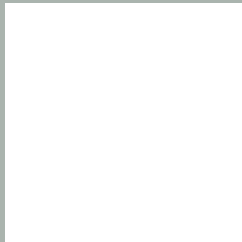
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.2446, 0.3089, 0.3371

Background



This preview shows how black text looks on a background with the Yxy color 44.2446, 0.3089, 0.3371.



This preview shows how white text looks on a background with the Yxy color 44.2446, 0.3089, 0.3371.

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

44.2446, 0.3089, 0.3371

Protanopia

44.3679, 0.3212, 0.3357

Deuteranopia

44.2417, 0.3302, 0.3239



Tritanopia

44.0901, 0.2983, 0.3105

Trichromacy



Original Color

44.2446, 0.3089, 0.3371

Protanomaly

44.3229, 0.3168, 0.3357

Deuteranomaly

44.1942, 0.3225, 0.3290

Tritanomaly

44.1142, 0.3021, 0.3196

Monochromacy



Original Color

44.2446, 0.3089, 0.3371

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.5381, 0.3117, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2446, 0.3089, 0.3371 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(170, 180, 174)` looks like.

```
.text, #text, p{  
    color:rgb(170, 180, 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(170, 180, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 180, 174) }
```

Border

The CSS property to change the border of an element to Yxy 44.2446, 0.3089, 0.3371 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(170, 180, 174) }
```

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

```
.border{ border-color:rgb(170, 180, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 180, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 180, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 180, 174);  
box-shadow:4px 4px 4px 4px rgb(170, 180,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2446, 0.3089, 0.3371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 180, 174) }
```

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

```
.background{ background-color: rgb(170,  
180, 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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