

Converting Colors

$Yxy(42.9881, 0.3124, 0.3375)$

Have a look what the booklet for
Yxy(42.9881, 0.3124, 0.3375)
contains.

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Color

Yxy(43.0425, 0.3123, 0.3372)

Conversions

Conversions Part 1

Format	Color
Hex	ABB1AB
RGB	171, 177, 171
RGB Percent	67%, 69%, 67%
CMY	0.3295, 0.3058, 0.3294
CMYK	0.03, 0.00, 0.03, 0.31
HSL	120°, 4%, 68%
HSV	120°, 3%, 69%
XYZ	39.8641, 43.0425, 44.7402
YIQ	174.5220, -1.6500, -3.1380

Conversions

Conversions Part 2

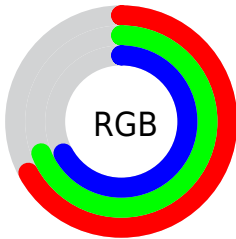
Format	Color
RYB	171, 177, 177
Decimal	11252139
CIELab	71.58, -3.25, 2.32
CIELCh	72, 3.990, 144.470
Yxy	43.0425, 0.3123, 0.3372
Android (android.graphics.Color)	4289442219 (0xFFABB1AB)
YUV	174.5220, -1.7363, -3.0888
Hunter-Lab	65.6068, -6.3514, 5.4922

Details

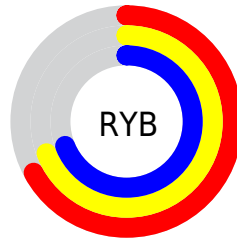
The Yxy color **43.0425, 0.3123, 0.3372** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.6383, 0.3131, 0.3209**, and the grayscale version is **42.6192, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.9376, 0.3124, 0.3364**, and **19.6692, 0.3123, 0.3385** is the 20% darker color. If you saturate the color by 10%, you get **40.5612, 0.3110, 0.3635**, and if you desaturate by 10%, it is **45.8830, 0.3135, 0.3142**.

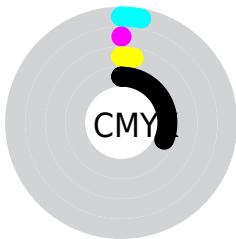
Distribution



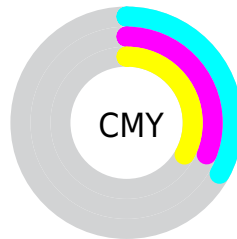
- Red (67%)
- Green (69%)
- Blue (67%)



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



- Cyan (3%)
- Magenta (0%)
- Yellow (3%)
- Black (31%)



- Cyan (33%)
- Magenta (31%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.0425, 0.3123, 0.3372 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 43.0425, 0.3123, 0.3372 by changing the saturation by 10% instead.

■ 43.0425, 0.3123,
0.3372

■ 43.0425, 0.3123,
0.3372

■ 358.7865, 0.3125,
0.3330

■ 29.9185, 0.3122,
0.3383

■ 79.7750, 0.3124,
0.3357

■ 19.7767, 0.3122,
0.3397

■ 104.1522, 0.3124,
0.3351

■ 12.2328, 0.3120,
0.3415

■ 133.0493, 0.3124,
0.3346

■ 6.9025, 0.3119,
0.3442

■ 166.8507, 0.3125,
0.3342

■ 3.4012, 0.3116,
0.3484

■ 205.9407, 0.3125,
0.3339

■ 1.3446, 0.3111,
0.3556

■ 250.7037, 0.3125,


■ 0.1753, 0.2998,


0.3335


0.6014


301.5242, 0.3125,
0.3333


 0.0000, 0.0000,
0.0000


 43.0425, 0.3123,
0.3372

 43.0425, 0.3123,
0.3372


 40.5612, 0.3110,
0.3635


 45.8830, 0.3135,
0.3142

 38.4195, 0.3095,
0.3932


 49.0905, 0.3145,
0.2944


 36.6044, 0.3079,
0.4259

 52.6792, 0.3154,
0.2773

 35.0999, 0.3062,
0.4607

 56.6612, 0.3161,
0.2626

 33.8885, 0.3045,
0.4959

 59.9284, 0.3163,
0.2527

■ 32.9511, 0.3029,
0.5294

■ 32.2665, 0.3016,
0.5584

■ 31.8100, 0.3007,
0.5804

■ 31.5524, 0.3001,
0.5941

Harmonies

Analogous

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



43.0425, 0.3180, 0.3390



43.0425, 0.3123, 0.3372



43.0425, 0.3068, 0.3332

Triad

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



43.0425, 0.3123, 0.3372



43.0425, 0.3033, 0.3200



43.0425, 0.3227, 0.3299

Complementary

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



43.0425, 0.3123, 0.3372



41.6383, 0.3131, 0.3209

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.



43.0425, 0.3186, 0.3249



43.0425, 0.3123, 0.3372



43.0425, 0.3074, 0.3193

Square

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



43.0425, 0.3123, 0.3372



43.0425, 0.3016, 0.3232



43.0425, 0.3131, 0.3210



43.0425, 0.3240, 0.3347

Rectangle

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



43.0425, 0.3123, 0.3372



43.0425, 0.3039, 0.3298



43.0425, 0.3131, 0.3210



43.0425, 0.3216, 0.3282

Sweetspot

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



43.0443, 0.3123, 0.3372



78.2381, 0.3126, 0.3314



43.7361, 0.3176, 0.3371



16.9614, 0.3126, 0.3313



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



43.0443, 0.3123, 0.3372



76.7685, 0.3122, 0.3388



43.1594, 0.3099, 0.3331



9.7607, 0.3121, 0.3403



22.7845, 0.2999, 0.5995



0.7172, 0.2993, 0.5975

Inverse Universe

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



41.6383, 0.3131, 0.3209



73.7770, 0.3132, 0.3194



41.5207, 0.3156, 0.3249



9.3249, 0.3133, 0.3179



9.0422, 0.3224, 0.1550



0.2848, 0.3219, 0.1547

Previews

White Background



This preview shows how the Yxy color 43.0425, 0.3123, 0.3372 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 43.0425, 0.3123, 0.3372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

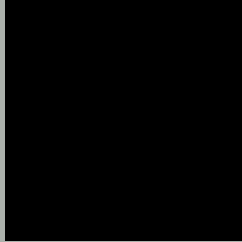
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

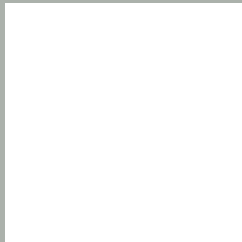
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.0425, 0.3123, 0.3372

Background



This preview shows how black text looks on a background with the Yxy color 43.0425, 0.3123, 0.3372.



This preview shows how white text looks on a background with the Yxy color 43.0425, 0.3123, 0.3372.

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

43.0425, 0.3123, 0.3372

Protanopia

42.8777, 0.3214, 0.3344

Deuteranopia

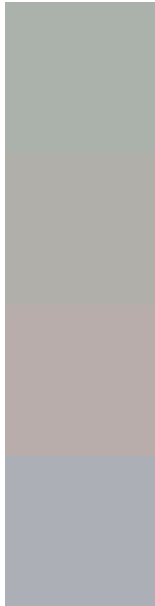
43.1040, 0.3313, 0.3252



Tritanopia

42.9016, 0.3014, 0.3104

Trichromacy



Original Color

43.0425, 0.3123, 0.3372

Protanomaly

42.9093, 0.3186, 0.3358

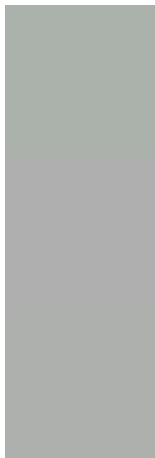
Deuteranomaly

43.1800, 0.3244, 0.3304

Tritanomaly

42.9216, 0.3053, 0.3196

Monochromacy



Original Color

43.0425, 0.3123, 0.3372

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.1053, 0.3126, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0425, 0.3123, 0.3372 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(171, 177, 171)` looks like.

```
.text, #text, p{  
    color:rgb(171, 177, 171)  
}
```

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(171, 177, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 177, 171) }
```

Border

The CSS property to change the border of an element to Yxy 43.0425, 0.3123, 0.3372 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(171, 177, 171) }
```

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

```
.border{ border-color:rgb(171, 177, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 177, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 177, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 177, 171);  
box-shadow:4px 4px 4px 4px rgb(171, 177,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0425, 0.3123, 0.3372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 177, 171) }
```

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

```
.background{ background-color: rgb(171,  
177, 171) }
```

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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