

Converting Colors

$Yxy(43.3982, 0.3029, 0.3240)$

Have a look what the booklet for
Yxy(43.3982, 0.3029, 0.3240)
contains.

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Color

Yxy(43.2155, 0.3027, 0.3235)

Conversions

Conversions Part 1

Format	Color
Hex	A9B1B5
RGB	169, 177, 181
RGB Percent	66%, 69%, 71%
CMY	0.3370, 0.3059, 0.2901
CMYK	0.07, 0.02, 0.00, 0.29
HSL	200°, 7%, 69%
HSV	200°, 7%, 71%
XYZ	40.4369, 43.2155, 49.9349
YIQ	175.0640, -6.0520, -0.4520

Conversions

Conversions Part 2

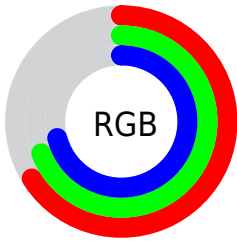
Format	Color
RYB	169, 174, 181
Decimal	11121077
CIELab	71.70, -1.97, -3.02
CIElCh	72, 3.609, 236.951
Yxy	43.2155, 0.3027, 0.3235
Android (android.graphics.Color)	4289311157 (0xFFA9B1B5)
YUV	175.0640, 2.9264, -5.3181
Hunter-Lab	65.7385, -5.2439, 0.9803

Details

The Yxy color **43.2155, 0.3027, 0.3235** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.6196, 0.3232, 0.3344**, and the grayscale version is **42.8978, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.2395, 0.3042, 0.3248**, and **19.7557, 0.3000, 0.3214** is the 20% darker color. If you saturate the color by 10%, you get **38.9907, 0.2874, 0.3144**, and if you desaturate by 10%, it is **47.8293, 0.3178, 0.3317**.

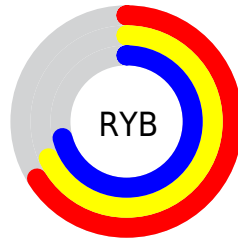
Distribution



Red (66%)

Green (69%)

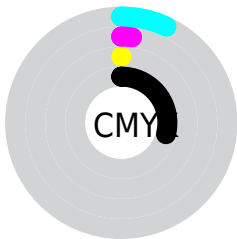
Blue (71%)



Red (66%)

Yellow (68%)

Blue (71%)

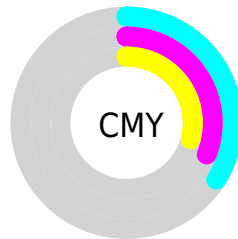


Cyan (7%)

Magenta (2%)

Yellow (0%)

Black (29%)



Cyan (34%)


Magenta (31%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.2155, 0.3027, 0.3235 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 43.2155, 0.3027, 0.3235 by changing the saturation by 10% instead.


 43.2155, 0.3027,
0.3235


 43.2155, 0.3027,
0.3235

359.4973, 0.3078,
0.3263

 30.0542, 0.3014,
0.3228


 80.0360, 0.3046,
0.3245

 19.8798, 0.2998,
0.3218


 104.4639, 0.3052,
0.3249

 12.3077, 0.2975,
0.3206


133.4163, 0.3058,
0.3252

 6.9536, 0.2944,
0.3188

167.2774, 0.3063,
0.3255

 3.4331, 0.2896,
0.3160

206.4316, 0.3068,
0.3258

 1.3618, 0.2814,
0.3112

251.2634, 0.3071,

 0.1883, 0.1780,

0.3260

0.2559

302.1572, 0.3075,
0.3261

0.0000, 0.0000,
0.0000

43.2155, 0.3027,
0.3235

43.2155, 0.3027,
0.3235

38.9907, 0.2874,
0.3144

47.8293, 0.3178,
0.3317

35.1367, 0.2722,
0.3045

52.8386, 0.3326,
0.3390

31.6418, 0.2573,
0.2937

58.2568, 0.3468,
0.3455

28.4916, 0.2432,
0.2822

64.0947, 0.3604,
0.3512

25.6703, 0.2301,
0.2700

69.4844, 0.3696,
0.3566

■ 23.1607, 0.2185,
0.2574

■ 72.5133, 0.3679,
0.3627

■ 20.9437, 0.2086,
0.2446

■ 75.6583, 0.3662,
0.3688

■ 18.9972, 0.2007,
0.2317

■ 78.9205, 0.3644,
0.3748

■ 17.2915, 0.1948,
0.2191

■ 82.3011, 0.3628,
0.3806

Harmonies

Analogous

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



43.2155, 0.3036, 0.3278



43.2155, 0.3027, 0.3235



43.2155, 0.3044, 0.3208

Triad

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



43.2155, 0.3027, 0.3235



43.2155, 0.3184, 0.3256



43.2155, 0.3171, 0.3380

Complementary

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



43.2155, 0.3027, 0.3235



42.6196, 0.3232, 0.3344

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.



43.2155, 0.3211, 0.3373



43.2155, 0.3027, 0.3235



43.2155, 0.3219, 0.3302

Square

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



43.2155, 0.3027, 0.3235



43.2155, 0.3135, 0.3220



43.2155, 0.3229, 0.3344



43.2155, 0.3119, 0.3362

Rectangle

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



43.2155, 0.3027, 0.3235



43.2155, 0.3068, 0.3201



43.2155, 0.3229, 0.3344



43.2155, 0.3186, 0.3380

Sweetspot

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



43.2173, 0.3027, 0.3235



81.0697, 0.3096, 0.3273



44.5166, 0.3088, 0.3398



17.5414, 0.3098, 0.3274



91.1408, 0.3127, 0.3290



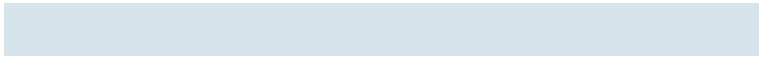
17.8868, 0.3127, 0.3290

Same Dimension

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



43.2173, 0.3027, 0.3235



76.1805, 0.3004, 0.3222



40.9281, 0.3028, 0.3154



9.1386, 0.2986, 0.3211



11.6748, 0.1935, 0.2164



0.4699, 0.2032, 0.2515

Inverse Universe

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



41.4011, 0.3169, 0.3185



72.2360, 0.3179, 0.3160



44.9436, 0.3225, 0.3423



8.5970, 0.3187, 0.3140



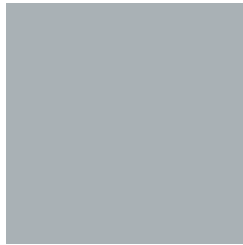
7.7187, 0.4271, 0.2127



0.2532, 0.3908, 0.1926

Previews

White Background



This preview shows how the Yxy color 43.2155, 0.3027, 0.3235 looks on a white background.

Color Contrast Check

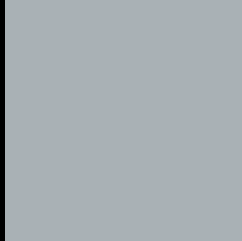
Large Text (above 18pt) WCAG AA × Fail

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 43.2155, 0.3027, 0.3235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

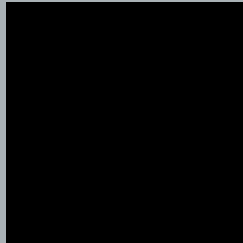
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

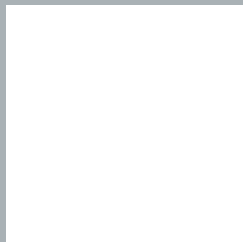
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.2155, 0.3027, 0.3235

Background



This preview shows how black text looks on a background with the Yxy color 43.2155, 0.3027, 0.3235.



This preview shows how white text looks on a background with the Yxy color 43.2155, 0.3027, 0.3235.

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

43.2155, 0.3027, 0.3235

Protanopia

43.3023, 0.3104, 0.3223

Deuteranopia

42.9457, 0.3198, 0.3135



Tritanopia

43.3144, 0.2965, 0.3103

Trichromacy



Original Color

43.2155, 0.3027, 0.3235

Protanomaly

43.3446, 0.3077, 0.3236

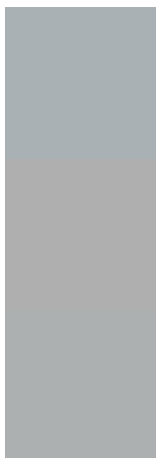
Deuteranomaly

43.2096, 0.3133, 0.3172

Tritanomaly

43.1846, 0.2988, 0.3142

Monochromacy



Original Color

43.2155, 0.3027, 0.3235

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.1092, 0.3093, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2155, 0.3027, 0.3235 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, 177, 181)` looks like.

```
.text, #text, p{  
    color:rgb(169, 177, 181)  
}
```

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, 177, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 177, 181) }
```

Border

The CSS property to change the border of an element to Yxy 43.2155, 0.3027, 0.3235 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, 177, 181) }
```

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

```
.border{ border-color:rgb(169, 177, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 177, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 177, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 177, 181);  
box-shadow:4px 4px 4px 4px rgb(169, 177,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2155, 0.3027, 0.3235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 177, 181) }
```

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

```
.background{ background-color: rgb(169,  
177, 181) }
```

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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