

Converting Colors

$Yxy(44.3048, 0.3075, 0.3239)$

Have a look what the booklet for
Yxy(44.3048, 0.3075, 0.3239)
contains.

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Color

Yxy(44.3321, 0.3069, 0.3237)

Conversions

Conversions Part 1

Format	Color
Hex	AFB2B6
RGB	175, 178, 182
RGB Percent	69%, 70%, 71%
CMY	0.3140, 0.3019, 0.2863
CMYK	0.04, 0.02, 0.00, 0.29
HSL	214°, 5%, 70%
HSV	214°, 4%, 71%
XYZ	42.0313, 44.3321, 50.5909
YIQ	177.5590, -3.0720, 0.6080

Conversions

Conversions Part 2

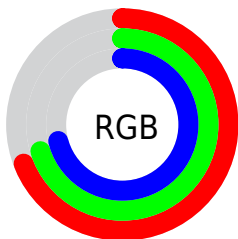
Format	Color
R_{YB}	175, 177, 182
Decimal	11514550
CIE Lab	72.45, -0.32, -2.41
CIE LCh	72, 2.427, 262.491
Yxy	44.3321, 0.3069, 0.3237
Android (android.graphics.Color)	4289704630 (0xFFAFB2B6)
YUV	177.5590, 2.1894, -2.2442
Hunter-Lab	66.5824, -3.8379, 1.5576

Details

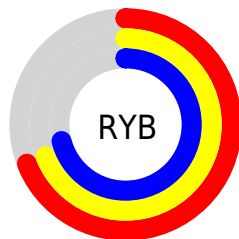
The Yxy color $44.3321, 0.3069, 0.3237$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $45.2370, 0.3186, 0.3342$, and the grayscale version is $44.2613, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.0076, 0.3082, 0.3249$, and $20.4632, 0.3059, 0.3216$ is the 20% darker color. If you saturate the color by 10%, you get $38.4476, 0.2913, 0.3089$, and if you desaturate by 10%, it is $50.8079, 0.3216, 0.3369$.

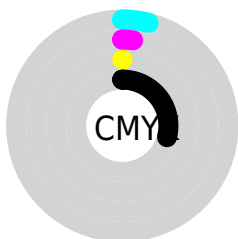
Distribution



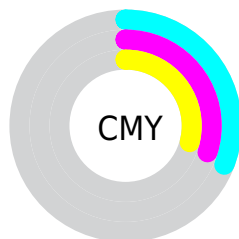
- Red (69%)
- Green (70%)
- Blue (71%)



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



- Cyan (4%)
- Magenta (2%)
- Yellow (0%)
- Black (29%)



- Cyan (31%)
- Magenta (30%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.3321, 0.3069, 0.3237 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 44.3321, 0.3069, 0.3237 by changing the saturation by 10% instead.

■ 44.3321, 0.3069,
0.3237

■ 44.3321, 0.3069,
0.3237

364.0618, 0.3098,
0.3264

■ 30.9317, 0.3062,
0.3230

■ 81.7172, 0.3080,
0.3247

■ 20.5468, 0.3052,
0.3221

106.4707, 0.3084,
0.3250

■ 12.7932, 0.3039,
0.3210

135.7774, 0.3087,
0.3254

■ 7.2863, 0.3021,
0.3193

170.0216, 0.3090,
0.3256

■ 3.6418, 0.2994,
0.3168

209.5878, 0.3093,
0.3259

■ 1.4753, 0.2947,
0.3125

254.8602, 0.3095,

■ 0.2712, 0.2539,

0.3261

0.2754

306.2234, 0.3097,
0.3262

0.0000, 0.0000,
0.0000

44.3321, 0.3069,
0.3237

44.3321, 0.3069,
0.3237

38.4476, 0.2913,
0.3089

50.8079, 0.3216,
0.3369

33.1308, 0.2751,
0.2924

57.8863, 0.3354,
0.3485

28.3647, 0.2584,
0.2743

65.5854, 0.3482,
0.3588

24.1295, 0.2417,
0.2547

73.9210, 0.3601,
0.3678

20.4038, 0.2255,
0.2339

80.7754, 0.3629,
0.3770

■ 17.1644, 0.2102,
0.2124

■ 86.6112, 0.3601,
0.3867

■ 14.3862, 0.1966,
0.1906

■ 92.7863, 0.3575,
0.3960

■ 12.0408, 0.1851,
0.1694

■ 96.1569, 0.3561,
0.4008

■ 10.0956, 0.1762,
0.1494

Harmonies

Analogous

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



44.3321, 0.3060, 0.3257



44.3321, 0.3069, 0.3237



44.3321, 0.3093, 0.3231

Triad

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



44.3321, 0.3069, 0.3237



44.3321, 0.3186, 0.3293



44.3321, 0.3127, 0.3340

Complementary

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



44.3321, 0.3069, 0.3237



45.2370, 0.3186, 0.3342

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.



44.3321, 0.3161, 0.3350



44.3321, 0.3069, 0.3237



44.3321, 0.3195, 0.3323

Square

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



44.3321, 0.3069, 0.3237



44.3321, 0.3161, 0.3263



44.3321, 0.3186, 0.3343



44.3321, 0.3094, 0.3317

Rectangle

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



44.3321, 0.3069, 0.3237



44.3321, 0.3115, 0.3236



44.3321, 0.3186, 0.3343



44.3321, 0.3139, 0.3345

Sweetspot

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



44.3340, 0.3069, 0.3237



83.6331, 0.3112, 0.3276



45.8052, 0.3092, 0.3332



18.4854, 0.3113, 0.3277



93.3107, 0.3127, 0.3290



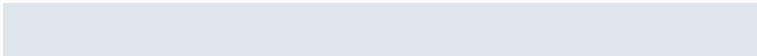
18.7317, 0.3127, 0.3290

Same Dimension

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



44.3340, 0.3069, 0.3237



79.0411, 0.3051, 0.3220



43.1597, 0.3073, 0.3196



9.8570, 0.3043, 0.3213



6.5316, 0.1722, 0.1400



0.3539, 0.1865, 0.1912

Inverse Universe

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



43.7944, 0.3164, 0.3249



77.7795, 0.3176, 0.3237



46.4448, 0.3180, 0.3383



9.6836, 0.3182, 0.3231



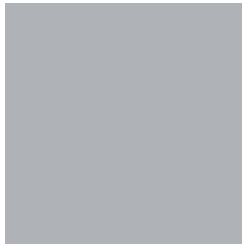
7.4417, 0.5191, 0.2633



0.2748, 0.4554, 0.2282

Previews

White Background



This preview shows how the Yxy color 44.3321, 0.3069, 0.3237 looks on a white background.

Color Contrast Check

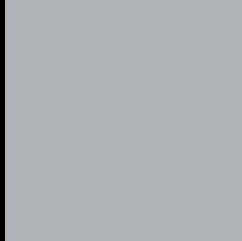
Large Text (above 18pt) WCAG AA × Fail

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 44.3321, 0.3069, 0.3237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

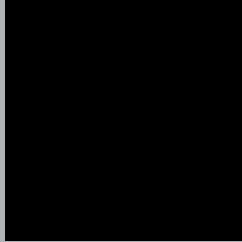
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

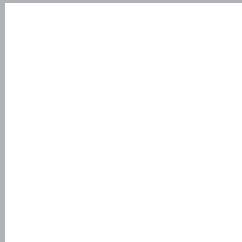
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.3321, 0.3069, 0.3237

Background



This preview shows how black text looks on a background with the Yxy color 44.3321, 0.3069, 0.3237.

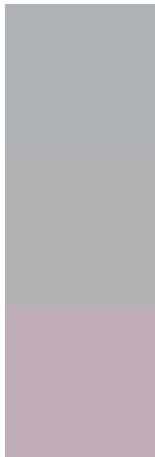


This preview shows how white text looks on a background with the Yxy color 44.3321, 0.3069, 0.3237.

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

44.3321, 0.3069, 0.3237

Protanopia

44.4838, 0.3121, 0.3237

Deuteranopia

44.1304, 0.3214, 0.3150



Tritanopia

44.4360, 0.3008, 0.3106

Trichromacy



Original Color

44.3321, 0.3069, 0.3237

Protanomaly

44.2455, 0.3104, 0.3237

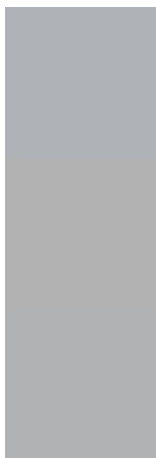
Deuteranomaly

44.1301, 0.3159, 0.3173

Tritanomaly

44.3052, 0.3031, 0.3145

Monochromacy



Original Color

44.3321, 0.3069, 0.3237

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.4426, 0.3110, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3321, 0.3069, 0.3237 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(175, 178, 182)` looks like.

```
.text, #text, p{  
    color:rgb(175, 178, 182)  
}
```

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(175, 178, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 178, 182) }
```

Border

The CSS property to change the border of an element to Yxy 44.3321, 0.3069, 0.3237 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(175, 178, 182) }
```

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

```
.border{ border-color:rgb(175, 178, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 178, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 178, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 178, 182);  
box-shadow:4px 4px 4px 4px rgb(175, 178,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3321, 0.3069, 0.3237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 178, 182) }
```

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

```
.background{ background-color: rgb(175,  
178, 182) }
```

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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