

Converting Colors

Yxy(44.3162, 0.3084, 0.3234)

Have a look what the booklet for
Yxy(44.3162, 0.3084, 0.3234)
contains.

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Color

Yxy(44.4483, 0.3078, 0.3237)

Conversions

Conversions Part 1	
Format	Color
Hex	B0B2B6
RGB	176, 178, 182
RGB Percent	69%, 70%, 71%
CMY	0.3098, 0.3019, 0.2863
CMYK	0.03, 0.02, 0.00, 0.29
HSL	220°, 4%, 70%
HSV	220°, 3%, 71%
XYZ	42.2650, 44.4483, 50.5999
YIQ	177.8580, -2.4760, 0.8200

Conversions

Conversions Part 2

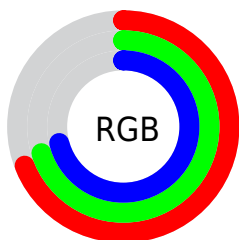
Format	Color
RYB	176, 178, 182
Decimal	11580086
CIELab	72.53, 0.05, -2.28
CIELCh	73, 2.283, 271.379
Yxy	44.4483, 0.3078, 0.3237
Android (android.graphics.Color)	4289770166 (0xFFB0B2B6)
YUV	177.8580, 2.0420, -1.6295
Hunter-Lab	66.6696, -3.5120, 1.6696

Details

The Yxy color $44.4483, 0.3078, 0.3237$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $45.7062, 0.3177, 0.3342$, and the grayscale version is $44.4315, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.1745, 0.3089, 0.3249$, and $20.5373, 0.3071, 0.3217$ is the 20% darker color. If you saturate the color by 10%, you get $37.8764, 0.2922, 0.3063$, and if you desaturate by 10%, it is $51.7308, 0.3223, 0.3391$.

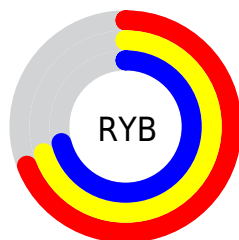
Distribution



Red (69%)

Green (70%)

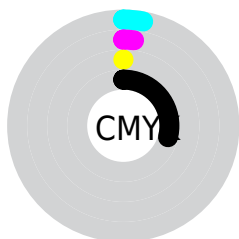
Blue (71%)



Red (69%)

Yellow (70%)

Blue (71%)

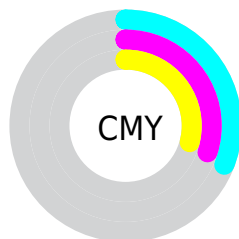


Cyan (3%)

Magenta (2%)

Yellow (0%)

Black (29%)



Cyan (31%)


Magenta (30%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.4483, 0.3078, 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 44.4483, 0.3078, 0.3237 by changing the saturation by 10% instead.


 44.4483, 0.3078,
0.3237

 44.4483, 0.3078,
0.3237


364.5345, 0.3103,
0.3264

 31.0231, 0.3072,
0.3230


 81.8919, 0.3087,
0.3247

 20.6164, 0.3064,
0.3221

106.6791, 0.3090,
0.3250

 12.8439, 0.3053,
0.3210


136.0224, 0.3093,
0.3254

 7.3212, 0.3037,
0.3193

170.3062, 0.3096,
0.3256

 3.6638, 0.3014,
0.3168

209.9150, 0.3098,
0.3258

 1.4873, 0.2975,
0.3126

255.2330, 0.3100,


 0.2798, 0.2643,


0.3260


0.2767

306.6447, 0.3101,
0.3262


 0.0000, 0.0000,
0.0000

 44.4483, 0.3078,
0.3237

 44.4483, 0.3078,
0.3237


 37.8764, 0.2922,
0.3063


 51.7308, 0.3223,
0.3391


 31.9873, 0.2755,
0.2868


 59.7393, 0.3357,
0.3527

 26.7597, 0.2581,
0.2654

 68.4958, 0.3479,
0.3646

 22.1690, 0.2404,
0.2422

 78.0195, 0.3590,
0.3749

 18.1888, 0.2228,
0.2176

 85.9854, 0.3604,
0.3857

■ 14.7909, 0.2062,
0.1923

■ 93.2624, 0.3573,
0.3967

■ 11.9444, 0.1911,
0.1672

■ 96.1569, 0.3562,
0.4008

■ 9.6150, 0.1785,
0.1434

■ 7.7634, 0.1688,
0.1219

Harmonies

Analogous

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



44.4483, 0.3065, 0.3252



44.4483, 0.3078, 0.3237



44.4483, 0.3104, 0.3236

Triad

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



44.4483, 0.3078, 0.3237



44.4483, 0.3187, 0.3302



44.4483, 0.3117, 0.3332

Complementary

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



44.4483, 0.3078, 0.3237



45.7062, 0.3177, 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.



44.4483, 0.3150, 0.3345



44.4483, 0.3078, 0.3237



44.4483, 0.3190, 0.3328

Square

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



44.4483, 0.3078, 0.3237



44.4483, 0.3167, 0.3273



44.4483, 0.3177, 0.3344



44.4483, 0.3088, 0.3307

Rectangle

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



44.4483, 0.3078, 0.3237



44.4483, 0.3126, 0.3243



44.4483, 0.3177, 0.3344



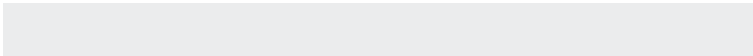
44.4483, 0.3128, 0.3338

Sweetspot

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



44.4502, 0.3078, 0.3237



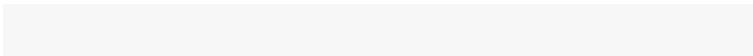
83.4956, 0.3112, 0.3274



45.9699, 0.3093, 0.3318



18.4566, 0.3113, 0.3275



93.3107, 0.3127, 0.3290



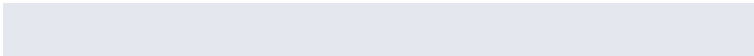
18.7317, 0.3127, 0.3290

Same Dimension

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



44.4502, 0.3078, 0.3237



79.6360, 0.3066, 0.3224



43.7569, 0.3087, 0.3210



9.9099, 0.3057, 0.3214



4.8781, 0.1642, 0.1111



0.2893, 0.1794, 0.1659

Inverse Universe

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



44.2043, 0.3163, 0.3263



79.0941, 0.3172, 0.3257



46.4189, 0.3167, 0.3369



9.8327, 0.3179, 0.3252



7.2748, 0.5594, 0.2855



0.2683, 0.4857, 0.2449

Previews

White Background



This preview shows how the Yxy color 44.4483, 0.3078, 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 44.4483, 0.3078, 0.3237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

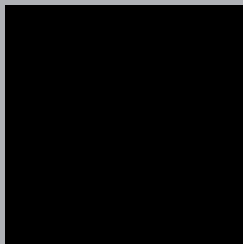
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.4483, 0.3078, 0.3237

Background



This preview shows how black text looks on a background with the Yxy color 44.4483, 0.3078, 0.3237.

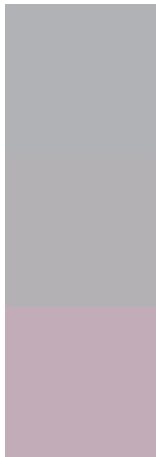


This preview shows how white text looks on a background with the Yxy color 44.4483, 0.3078, 0.3237.

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

44.4483, 0.3078, 0.3237

Protanopia

44.4838, 0.3121, 0.3237

Deuteranopia

44.2614, 0.3223, 0.3150



Tritanopia

44.5530, 0.3016, 0.3106

Trichromacy



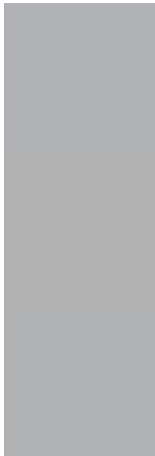
Original Color
44.4483, 0.3078, 0.3237

Protanomaly
44.3642, 0.3112, 0.3237

Deuteranomaly
44.2558, 0.3168, 0.3174

Tritanomaly
44.4222, 0.3040, 0.3145

Monochromacy



Original Color
44.4483, 0.3078, 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 44.4483, 0.3078, 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(176, 178, 182) looks like.

```
.text, #text, p{  
    color:rgb(176, 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(176, 178, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 178, 182) }
```

Border

The CSS property to change the border of an element to Yxy 44.4483, 0.3078, 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(176, 178, 182) }
```

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

```
.border{ border-color:rgb(176, 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(176, 178, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 178, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 178, 182);  
box-shadow:4px 4px 4px 4px rgb(176, 178,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4483, 0.3078, 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(176, 178, 182) }
```

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

```
.background{ background-color: rgb(176,  
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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