

Converting Colors

$Y_{xy}(44.3512, 0.3098, 0.3271)$

Have a look what the booklet for
Yxy(44.3512, 0.3098, 0.3271)
contains.

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Color

Yxy(44.3256, 0.3102, 0.3277)

Conversions

Conversions Part 1

Format	Color
Hex	B0B2B3
RGB	176, 178, 179
RGB Percent	69%, 70%, 70%
CMY	0.3098, 0.3019, 0.2981
CMYK	0.02, 0.01, 0.00, 0.30
HSL	199°, 2%, 70%
HSV	199°, 2%, 70%
XYZ	41.9585, 44.3256, 48.9786
YIQ	177.5160, -1.5130, -0.1130

Conversions

Conversions Part 2

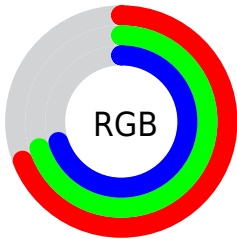
Format	Color
RYB	176, 177, 179
Decimal	11580083
CIELab	72.45, -0.52, -0.75
CIELCh	72, 0.912, 235.344
Yxy	44.3256, 0.3102, 0.3277
Android (android.graphics.Color)	4289770163 (0xFFB0B2B3)
YUV	177.5160, 0.7316, -1.3295
Hunter-Lab	66.5775, -4.0162, 2.9867

Details

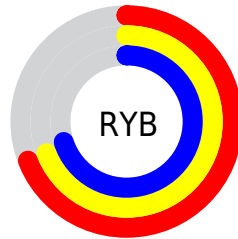
The Yxy color **44.3256, 0.3102, 0.3277** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.1446, 0.3153, 0.3303**, and the grayscale version is **44.2485, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.9996, 0.3108, 0.3280**, and **20.4587, 0.3104, 0.3272** is the 20% darker color. If you saturate the color by 10%, you get **40.1145, 0.2950, 0.3194**, and if you desaturate by 10%, it is **48.9134, 0.3252, 0.3351**.

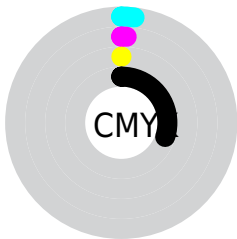
Distribution



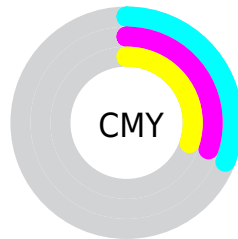
- Red (69%)
- Green (70%)
- Blue (70%)



- Red (69%)
- Yellow (69%)
- Blue (70%)



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (30%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.3256, 0.3102, 0.3277 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 44.3256, 0.3102, 0.3277 by changing the saturation by 10% instead.

■ 44.3256, 0.3102,
0.3277

■ 44.3256, 0.3102,
0.3277

364.0353, 0.3115,
0.3284

■ 30.9266, 0.3099,
0.3275

■ 81.7075, 0.3107,
0.3279

■ 20.5429, 0.3095,
0.3273

106.4591, 0.3108,
0.3280

■ 12.7903, 0.3089,
0.3270

135.7637, 0.3110,
0.3281

■ 7.2843, 0.3081,
0.3266

170.0057, 0.3111,
0.3282

■ 3.6405, 0.3069,
0.3260

209.5694, 0.3112,
0.3282

■ 1.4746, 0.3049,
0.3249

254.8394, 0.3113,

■ 0.2707, 0.2836,

0.3283

0.3139

306.1999, 0.3114,
0.3283

0.0000, 0.0000,
0.0000

44.3256, 0.3102,
0.3277

44.3256, 0.3102,
0.3277

40.1145, 0.2950,
0.3194

48.9134, 0.3252,
0.3351

36.2626, 0.2797,
0.3103

53.8834, 0.3397,
0.3418

32.7591, 0.2647,
0.3003

59.2484, 0.3537,
0.3477

29.5906, 0.2503,
0.2896

65.0185, 0.3671,
0.3528

26.7426, 0.2369,
0.2783

69.1610, 0.3714,
0.3582

■ 24.1994, 0.2247,
0.2664

■ 72.0277, 0.3696,
0.3641

■ 21.9435, 0.2141,
0.2542

■ 74.9990, 0.3679,
0.3698

■ 19.9551, 0.2054,
0.2419

■ 78.0759, 0.3663,
0.3755

■ 18.2109, 0.1987,
0.2297

■ 81.2596, 0.3646,
0.3811

Harmonies

Analogous

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



44.3256, 0.3105, 0.3288



44.3256, 0.3102, 0.3277



44.3256, 0.3106, 0.3270

Triad

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



44.3256, 0.3102, 0.3277



44.3256, 0.3141, 0.3281



44.3256, 0.3139, 0.3313

Complementary

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



44.3256, 0.3102, 0.3277



44.1446, 0.3153, 0.3303

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.



44.3256, 0.3149, 0.3311



44.3256, 0.3102, 0.3277



44.3256, 0.3150, 0.3293

Square

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



44.3256, 0.3102, 0.3277



44.3256, 0.3129, 0.3272



44.3256, 0.3153, 0.3303



44.3256, 0.3126, 0.3308

Rectangle

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



44.3256, 0.3102, 0.3277



44.3256, 0.3112, 0.3268



44.3256, 0.3153, 0.3303



44.3256, 0.3143, 0.3313

Sweetspot

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



44.3275, 0.3102, 0.3277



80.7346, 0.3127, 0.3290



44.6320, 0.3118, 0.3317



17.8868, 0.3127, 0.3290



91.1408, 0.3127, 0.3290

Same Dimension

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



44.3275, 0.3102, 0.3277



79.1235, 0.3096, 0.3274



43.7467, 0.3103, 0.3257



9.8643, 0.3099, 0.3275



12.0715, 0.1947, 0.2210



0.4803, 0.2041, 0.2547

Inverse Universe

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



43.8443, 0.3137, 0.3263



78.0701, 0.3139, 0.3257



44.7272, 0.3152, 0.3322



9.7439, 0.3138, 0.3260



7.7588, 0.4221, 0.2099



0.2543, 0.3876, 0.1909

Previews

White Background



This preview shows how the Yxy color 44.3256, 0.3102, 0.3277 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 44.3256, 0.3102, 0.3277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

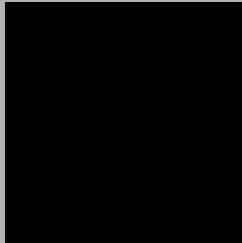
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

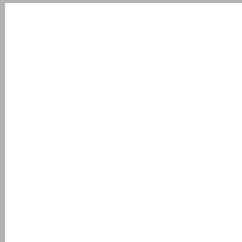
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.3256, 0.3102, 0.3277

Background



This preview shows how black text looks on a background with the Yxy color 44.3256, 0.3102, 0.3277.

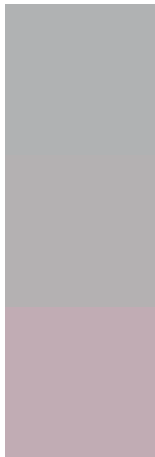


This preview shows how white text looks on a background with the Yxy color 44.3256, 0.3102, 0.3277.

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

44.3256, 0.3102, 0.3277

Protanopia

44.3619, 0.3145, 0.3277

Deuteranopia

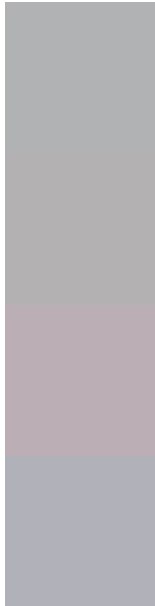
44.1378, 0.3249, 0.3188



Tritanopia

44.2334, 0.3032, 0.3106

Trichromacy



Original Color

44.3256, 0.3102, 0.3277

Protanomaly

44.2423, 0.3137, 0.3277

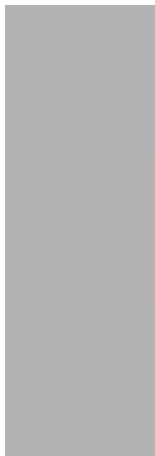
Deuteranomaly

44.1322, 0.3193, 0.3212

Tritanomaly

44.3366, 0.3055, 0.3171

Monochromacy



Original Color

44.3256, 0.3102, 0.3277

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.4023, 0.3118, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3256, 0.3102, 0.3277 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, 179)` looks like.

```
.text, #text, p{  
    color:rgb(176, 178, 179)  
}
```

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, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 178, 179) }
```

Border

The CSS property to change the border of an element to Yxy 44.3256, 0.3102, 0.3277 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, 179) }
```

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

```
.border{ border-color:rgb(176, 178, 179) }
```

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, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 178, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 178, 179);  
box-shadow:4px 4px 4px 4px rgb(176, 178,  
179) }
```

Background

The CSS property to change the background color of an element to Yxy 44.3256, 0.3102, 0.3277 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, 179) }
```

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

```
.background{ background-color: rgb(176,  
178, 179) }
```

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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