

Converting Colors

$Yxy(46.2771, 0.3077, 0.3239)$

Have a look what the booklet for
Yxy(46.2771, 0.3077, 0.3239)
contains.

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Color

Yxy(46.1342, 0.3079, 0.3238)

Conversions

Conversions Part 1

Format	Color
Hex	B3B5B9
RGB	179, 181, 185
RGB Percent	70%, 71%, 73%
CMY	0.2980, 0.2902, 0.2746
CMYK	0.03, 0.02, 0.00, 0.27
HSL	220°, 4%, 71%
HSV	220°, 3%, 73%
XYZ	43.8688, 46.1342, 52.4744
YIQ	180.8580, -2.4760, 0.8200

Conversions

Conversions Part 2

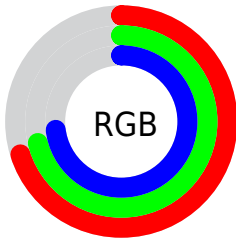
Format	Color
RYB	179, 181, 185
Decimal	11777465
CIELab	73.63, 0.06, -2.27
CIELCh	74, 2.267, 271.458
Yxy	46.1342, 0.3079, 0.3238
Android (android.graphics.Color)	4289967545 (0xFFB3B5B9)
YUV	180.8580, 2.0420, -1.6295
Hunter-Lab	67.9222, -3.5762, 1.7400

Details

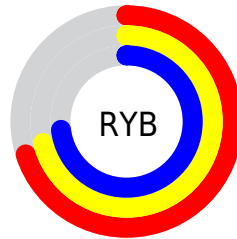
The Yxy color **46.1342, 0.3079, 0.3238** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.4182, 0.3176, 0.3341**, and the grayscale version is **46.1177, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5814, 0.3089, 0.3249**, and **21.5399, 0.3061, 0.3218** is the 20% darker color. If you saturate the color by 10%, you get **39.3004, 0.2922, 0.3064**, and if you desaturate by 10%, it is **53.7081, 0.3224, 0.3393**.

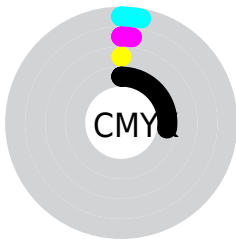
Distribution



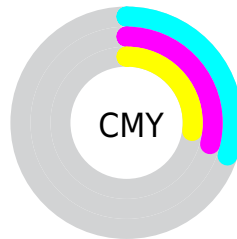
- Red (70%)
- Green (71%)
- Blue (73%)



- Red (70%)
- Yellow (71%)
- Blue (73%)



- Cyan (3%)
- Magenta (2%)
- Yellow (0%)
- Black (27%)



- Cyan (30%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.1342, 0.3079, 0.3238 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 46.1342, 0.3079, 0.3238 by changing the saturation by 10% instead.

■ 46.1342, 0.3079,
0.3238

■ 46.1342, 0.3079,
0.3238

371.3479, 0.3103,
0.3264

■ 32.3517, 0.3073,
0.3231

■ 84.4198, 0.3088,
0.3248

■ 21.6303, 0.3065,
0.3223

109.6917, 0.3091,
0.3251

■ 13.5855, 0.3055,
0.3212

139.5623, 0.3094,
0.3254

■ 7.8329, 0.3040,
0.3196

174.4158, 0.3096,
0.3257

■ 3.9882, 0.3018,
0.3172

214.6368, 0.3098,
0.3259

■ 1.6670, 0.2982,
0.3133

260.6095, 0.3100,

■ 0.4021, 0.2776,

0.3261

0.2910

312.7184, 0.3102,
0.3263

0.0000, 0.0000,
0.0000

46.1342, 0.3079,
0.3238

46.1342, 0.3079,
0.3238

39.3004, 0.2922,
0.3064

53.7081, 0.3224,
0.3393

33.1777, 0.2756,
0.2869

62.0382, 0.3358,
0.3528

27.7439, 0.2582,
0.2654

71.1473, 0.3480,
0.3647

22.9733, 0.2404,
0.2421

81.0556, 0.3591,
0.3751

18.8385, 0.2228,
0.2174

88.5201, 0.3575,
0.3865

■ 15.3100, 0.2061,
0.1921

■ 96.0971, 0.3544,
0.3976

■ 12.3555, 0.1910,
0.1669

■ 96.2815, 0.3544,
0.3979

■ 9.9394, 0.1784,
0.1431

■ 8.0206, 0.1687,
0.1215

Harmonies

Analogous

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



46.1342, 0.3066, 0.3253



46.1342, 0.3079, 0.3238



46.1342, 0.3105, 0.3237

Triad

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



46.1342, 0.3079, 0.3238



46.1342, 0.3185, 0.3302



46.1342, 0.3117, 0.3331

Complementary

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



46.1342, 0.3079, 0.3238



47.4182, 0.3176, 0.3341

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.



46.1342, 0.3149, 0.3344



46.1342, 0.3079, 0.3238



46.1342, 0.3189, 0.3327

Square

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



46.1342, 0.3079, 0.3238



46.1342, 0.3166, 0.3273



46.1342, 0.3176, 0.3343



46.1342, 0.3088, 0.3307

Rectangle

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



46.1342, 0.3079, 0.3238



46.1342, 0.3126, 0.3244



46.1342, 0.3176, 0.3343



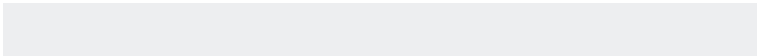
46.1342, 0.3128, 0.3337

Sweetspot

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



46.1362, 0.3079, 0.3238



85.5422, 0.3112, 0.3274



47.6835, 0.3094, 0.3317



18.4563, 0.3113, 0.3275



93.3107, 0.3127, 0.3290



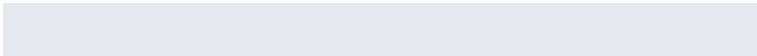
18.7317, 0.3127, 0.3290

Same Dimension

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



46.1362, 0.3079, 0.3238



81.5813, 0.3066, 0.3224



45.4338, 0.3087, 0.3212



9.9091, 0.3057, 0.3214



4.8633, 0.1641, 0.1108



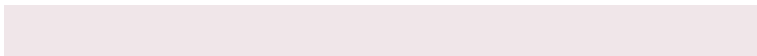
0.2886, 0.1794, 0.1657

Inverse Universe

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



45.8883, 0.3163, 0.3264



81.0310, 0.3172, 0.3257



48.1399, 0.3166, 0.3367



9.8326, 0.3179, 0.3252



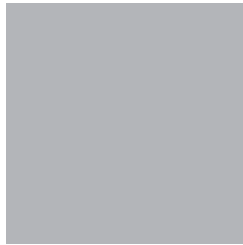
7.2733, 0.5598, 0.2858



0.2682, 0.4860, 0.2451

Previews

White Background



This preview shows how the Yxy color 46.1342, 0.3079, 0.3238 looks on a white background.

Color Contrast Check

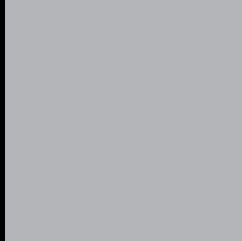
Large Text (above 18pt) WCAG AA × Fail

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 46.1342, 0.3079, 0.3238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

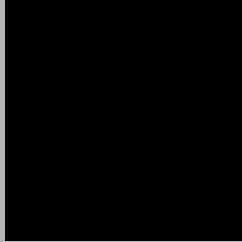
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

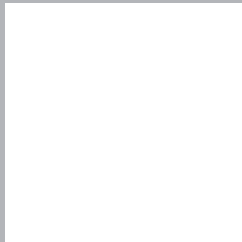
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.1342, 0.3079, 0.3238

Background



This preview shows how black text looks on a background with the Yxy color 46.1342, 0.3079, 0.3238.

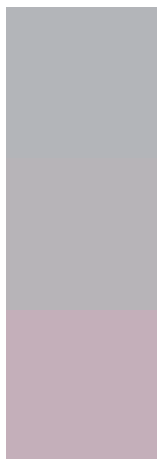


This preview shows how white text looks on a background with the Yxy color 46.1342, 0.3079, 0.3238.

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

46.1342, 0.3079, 0.3238

Protanopia

46.1705, 0.3121, 0.3238

Deuteranopia

45.9409, 0.3222, 0.3152



Tritanopia

46.2409, 0.3018, 0.3109

Trichromacy



Original Color

46.1342, 0.3079, 0.3238

Protanomaly

46.0483, 0.3112, 0.3238

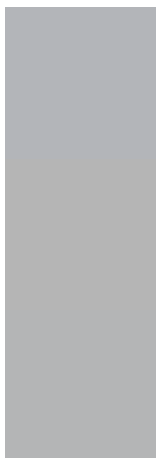
Deuteranomaly

45.9366, 0.3167, 0.3175

Tritanomaly

46.1074, 0.3041, 0.3147

Monochromacy



Original Color

46.1342, 0.3079, 0.3238

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.1284, 0.3111, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.1342, 0.3079, 0.3238 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(179, 181, 185)` looks like.

```
.text, #text, p{  
    color:rgb(179, 181, 185)  
}
```

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(179, 181, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 181, 185) }
```

Border

The CSS property to change the border of an element to Yxy 46.1342, 0.3079, 0.3238 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(179, 181, 185) }
```

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

```
.border{ border-color:rgb(179, 181, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 181, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 181, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 181, 185);  
box-shadow:4px 4px 4px 4px rgb(179, 181,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 46.1342, 0.3079, 0.3238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 181, 185) }
```

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

```
.background{ background-color: rgb(179,  
181, 185) }
```

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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