

Converting Colors

$Yxy(46.0541, 0.3073, 0.3226)$

Have a look what the booklet for
Yxy(46.0541, 0.3073, 0.3226)
contains.

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Color

Yxy(46.1766, 0.3071, 0.3225)

Conversions

Conversions Part 1

Format	Color
Hex	B3B5BA
RGB	179, 181, 186
RGB Percent	70%, 71%, 73%
CMY	0.2981, 0.2901, 0.2707
CMYK	0.04, 0.03, 0.00, 0.27
HSL	223°, 5%, 72%
HSV	223°, 4%, 73%
XYZ	43.9716, 46.1766, 53.0351
YIQ	180.9720, -2.7970, 1.1310

Conversions

Conversions Part 2

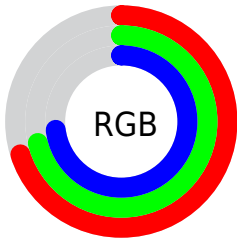
Format	Color
RYB	179, 181, 186
Decimal	11777466
CIELab	73.66, 0.24, -2.78
CIELCh	74, 2.785, 274.960
Yxy	46.1766, 0.3071, 0.3225
Android (android.graphics.Color)	4289967546 (0xFFB3B5BA)
YUV	180.9720, 2.4788, -1.7294
Hunter-Lab	67.9534, -3.4138, 1.2937

Details

The Yxy color $46.1766, 0.3071, 0.3225$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $47.9475, 0.3183, 0.3354$, and the grayscale version is $46.1789, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.6413, 0.3083, 0.3239$, and $21.5674, 0.3050, 0.3200$ is the 20% darker color. If you saturate the color by 10%, you get $38.9950, 0.2913, 0.3037$, and if you desaturate by 10%, it is $54.1694, 0.3216, 0.3391$.

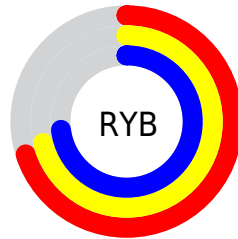
Distribution



Red (70%)

Green (71%)

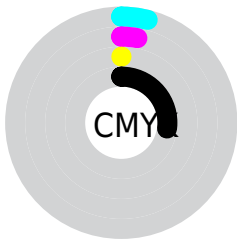
Blue (73%)



Red (70%)

Yellow (71%)

Blue (73%)

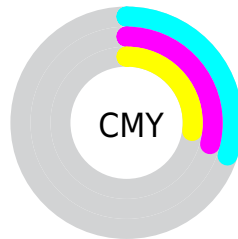


Cyan (4%)

Magenta (3%)

Yellow (0%)

Black (27%)



Cyan (30%)

Magenta (29%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.1766, 0.3071, 0.3225 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 46.1766, 0.3071, 0.3225 by changing the saturation by 10% instead.

■ 46.1766, 0.3071,
0.3225

■ 46.1766, 0.3071,
0.3225

371.5182, 0.3099,
0.3258

■ 32.3852, 0.3064,
0.3217

■ 84.4832, 0.3081,
0.3237

■ 21.6559, 0.3055,
0.3206

109.7673, 0.3085,
0.3241

■ 13.6043, 0.3043,
0.3192

139.6509, 0.3088,
0.3245

■ 7.8460, 0.3026,
0.3173

174.5187, 0.3091,
0.3248

■ 3.9965, 0.3000,
0.3143

214.7549, 0.3094,
0.3251

■ 1.6716, 0.2958,
0.3094

260.7440, 0.3096,

■ 0.4052, 0.2732,

0.3254

0.2831

312.8703, 0.3098,
0.3256

0.0000, 0.0000,
0.0000

46.1766, 0.3071,
0.3225

46.1766, 0.3071,
0.3225

38.9950, 0.2913,
0.3037

54.1694, 0.3216,
0.3391

32.5926, 0.2744,
0.2827

62.9921, 0.3349,
0.3537

26.9442, 0.2566,
0.2595

72.6704, 0.3469,
0.3664

22.0206, 0.2384,
0.2345

83.2269, 0.3578,
0.3775

17.7910, 0.2202,
0.2081

91.3216, 0.3557,
0.3897

■ 14.2220, 0.2030,
0.1812

■ 96.3241, 0.3538,
0.3969

■ 11.2770, 0.1875,
0.1548

■ 8.9157, 0.1747,
0.1304

■ 7.0917, 0.1651,
0.1090

Harmonies

Analogous

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



46.1766, 0.3053, 0.3242



46.1766, 0.3071, 0.3225



46.1766, 0.3104, 0.3226

Triad

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



46.1766, 0.3071, 0.3225



46.1766, 0.3200, 0.3308



46.1766, 0.3111, 0.3338

Complementary

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



46.1766, 0.3071, 0.3225



47.9475, 0.3183, 0.3354

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.



46.1766, 0.3150, 0.3356



46.1766, 0.3071, 0.3225



46.1766, 0.3202, 0.3338

Square

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



46.1766, 0.3071, 0.3225



46.1766, 0.3179, 0.3273



46.1766, 0.3184, 0.3356



46.1766, 0.3076, 0.3307

Rectangle

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



46.1766, 0.3071, 0.3225



46.1766, 0.3130, 0.3236



46.1766, 0.3184, 0.3356



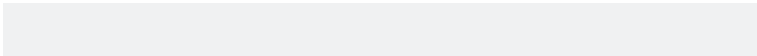
46.1766, 0.3124, 0.3345

Sweetspot

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



46.1786, 0.3071, 0.3225



87.5543, 0.3112, 0.3273



48.1443, 0.3085, 0.3317



19.2970, 0.3113, 0.3274



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



46.1786, 0.3071, 0.3225



81.9212, 0.3051, 0.3201



45.5260, 0.3084, 0.3199



9.7232, 0.3043, 0.3192



4.2754, 0.1610, 0.0997



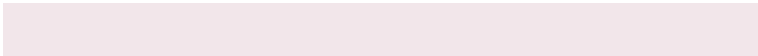
0.2609, 0.1761, 0.1539

Inverse Universe

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



46.0055, 0.3171, 0.3264



81.5124, 0.3188, 0.3254



48.6228, 0.3170, 0.3380



9.6701, 0.3194, 0.3251



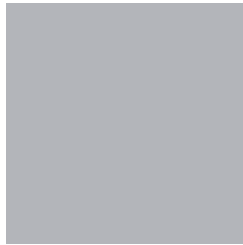
7.2139, 0.5764, 0.2949



0.2654, 0.5009, 0.2533

Previews

White Background



This preview shows how the Yxy color 46.1766, 0.3071, 0.3225 looks on a white background.

Color Contrast Check

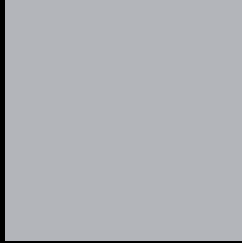
Large Text (above 18pt) WCAG AA × Fail

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 46.1766, 0.3071, 0.3225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

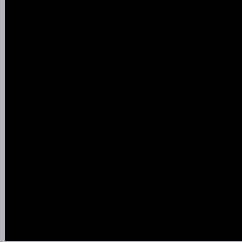
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

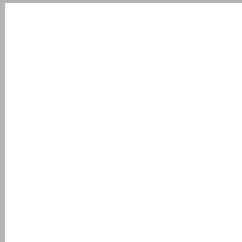
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.1766, 0.3071, 0.3225

Background



This preview shows how black text looks on a background with the Yxy color 46.1766, 0.3071, 0.3225.



This preview shows how white text looks on a background with the Yxy color 46.1766, 0.3071, 0.3225.

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

46.1766, 0.3071, 0.3225

Protanopia

46.2126, 0.3113, 0.3225

Deuteranopia

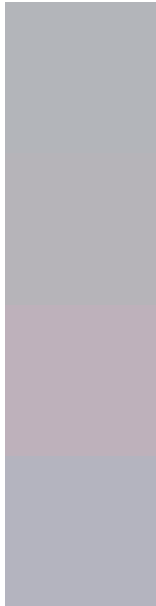
45.9836, 0.3214, 0.3140



Tritanopia

46.2409, 0.3018, 0.3109

Trichromacy



Original Color

46.1766, 0.3071, 0.3225

Protanomaly

46.0904, 0.3105, 0.3225

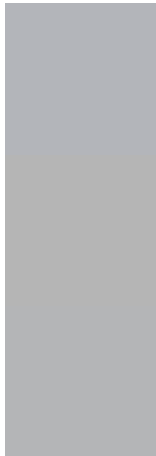
Deuteranomaly

45.9793, 0.3159, 0.3163

Tritanomaly

46.1074, 0.3041, 0.3147

Monochromacy



Original Color

46.1766, 0.3071, 0.3225

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.1699, 0.3103, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.1766, 0.3071, 0.3225 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, 186)` looks like.

```
.text, #text, p{  
    color:rgb(179, 181, 186)  
}
```

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, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 181, 186) }
```

Border

The CSS property to change the border of an element to Yxy 46.1766, 0.3071, 0.3225 is called "border". The border property can be set on classes, ids or directly on the HTML element.

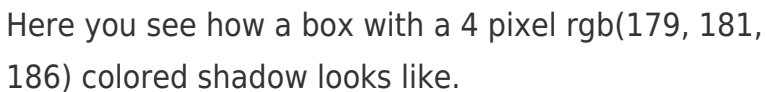
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 181, 186) }
```

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

```
.border{ border-color:rgb(179, 181, 186) }
```

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, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 181, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 181, 186); box-shadow:4px 4px 4px 4px rgb(179, 181, 186) }
```


Background

The CSS property to change the background color of an element to Yxy 46.1766, 0.3071, 0.3225 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, 186) }
```

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

```
.background{ background-color: rgb(179,  
181, 186) }
```

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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