

Converting Colors

$Yxy(46.5922, 0.3005, 0.3263)$

Have a look what the booklet for
Yxy(46.5922, 0.3005, 0.3263)
contains.

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Color

Yxy(46.4841, 0.3004, 0.3263)

Conversions

Conversions Part 1

Format	Color
Hex	ABB8BA
RGB	171, 184, 186
RGB Percent	67%, 72%, 73%
CMY	0.3295, 0.2784, 0.2705
CMYK	0.08, 0.01, 0.00, 0.27
HSL	188°, 10%, 70%
HSV	188°, 8%, 73%
XYZ	42.7944, 46.4841, 53.1796
YIQ	180.3410, -8.3900, -2.1340

Conversions

Conversions Part 2

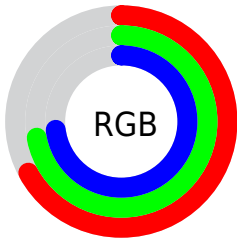
Format	Color
RYB	171, 178, 186
Decimal	11253946
CIELab	73.86, -4.10, -2.58
CIElCh	74, 4.839, 212.154
Yxy	46.4841, 0.3004, 0.3263
Android (android.graphics.Color)	4289444026 (0xFFABB8BA)
YUV	180.3410, 2.7899, -8.1921
Hunter-Lab	68.1792, -7.2736, 1.4794

Details

The Yxy color $46.4841, 0.3004, 0.3263$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $43.2587, 0.3262, 0.3317$, and the grayscale version is $45.8218, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.8997, 0.3025, 0.3269$, and $21.8480, 0.2972, 0.3253$ is the 20% darker color. If you saturate the color by 10%, you get $43.5211, 0.2856, 0.3227$, and if you desaturate by 10%, it is $49.7630, 0.3157, 0.3296$.

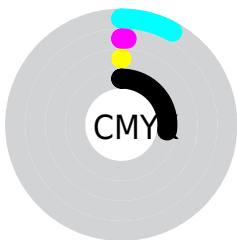
Distribution



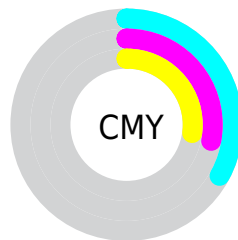
- Red (67%)
- Green (72%)
- Blue (73%)



- Red (67%)
- Yellow (70%)
- Blue (73%)



- Cyan (8%)
- Magenta (1%)
- Yellow (0%)
- Black (27%)



- Cyan (33%)
- Magenta (28%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.4841, 0.3004, 0.3263 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 46.4841, 0.3004, 0.3263 by changing the saturation by 10% instead.

■ 46.4841, 0.3004,
0.3263

■ 46.4841, 0.3004,
0.3263

372.7515, 0.3065,
0.3277

■ 32.6280, 0.2989,
0.3259

■ 84.9430, 0.3026,
0.3268

■ 21.8416, 0.2969,
0.3255

110.3147, 0.3035,
0.3270

■ 13.7406, 0.2943,
0.3249

140.2936, 0.3042,
0.3272

■ 7.9405, 0.2906,
0.3240

175.2642, 0.3048,
0.3273

■ 4.0569, 0.2852,
0.3226

215.6109, 0.3053,
0.3274

■ 1.7054, 0.2762,
0.3202

261.7181, 0.3058,

■ 0.4272, 0.2220,

0.3275

0.3099

313.9702, 0.3062,
0.3276

0.0000, 0.0000,
0.0000

46.4841, 0.3004,
0.3263

46.4841, 0.3004,
0.3263

43.5211, 0.2856,
0.3227

49.7630, 0.3157,
0.3296

40.8560, 0.2715,
0.3188

53.3635, 0.3311,
0.3326

38.4773, 0.2583,
0.3146

57.2986, 0.3464,
0.3353

36.3710, 0.2465,
0.3102

61.5787, 0.3615,
0.3376

34.5216, 0.2363,
0.3057

64.4707, 0.3688,
0.3400

■ 32.9120, 0.2278,
0.3011

■ 65.6018, 0.3681,
0.3425

■ 31.5227, 0.2212,
0.2964

■ 66.7514, 0.3675,
0.3451

■ 30.3311, 0.2165,
0.2917

■ 67.9197, 0.3668,
0.3476

■ 29.3015, 0.2134,
0.2871

■ 69.1068, 0.3661,
0.3502

Harmonies

Analogous

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



46.4841, 0.3043, 0.3324



46.4841, 0.3004, 0.3263



46.4841, 0.2998, 0.3210

Triad

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



46.4841, 0.3004, 0.3263



46.4841, 0.3149, 0.3206



46.4841, 0.3229, 0.3402

Complementary

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



46.4841, 0.3004, 0.3263



43.2587, 0.3262, 0.3317

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.



46.4841, 0.3258, 0.3369



46.4841, 0.3004, 0.3263



46.4841, 0.3212, 0.3256

Square

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



46.4841, 0.3004, 0.3263



46.4841, 0.3081, 0.3178



46.4841, 0.3252, 0.3315



46.4841, 0.3173, 0.3406

Rectangle

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



46.4841, 0.3004, 0.3263



46.4841, 0.3013, 0.3186



46.4841, 0.3252, 0.3315



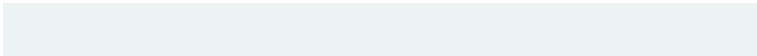
46.4841, 0.3243, 0.3394

Sweetspot

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



46.4861, 0.3004, 0.3263



87.7690, 0.3096, 0.3283



46.7860, 0.3104, 0.3469



19.3419, 0.3098, 0.3284



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.



46.4861, 0.3004, 0.3263



83.0802, 0.2973, 0.3256



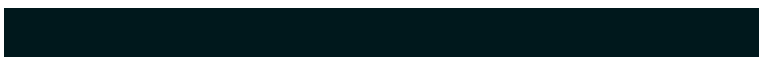
43.5417, 0.3004, 0.3165



10.0009, 0.2985, 0.3259



19.6612, 0.2130, 0.2869



0.7502, 0.2163, 0.2987

Inverse Universe

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



43.0173, 0.3153, 0.3121



75.3105, 0.3160, 0.3076



46.1236, 0.3253, 0.3412



9.1416, 0.3157, 0.3094



8.7671, 0.3572, 0.1741



0.3148, 0.3465, 0.1683

Previews

White Background



This preview shows how the Yxy color 46.4841, 0.3004, 0.3263 looks on a white background.

Color Contrast Check

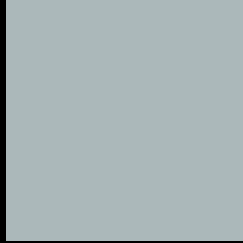
Large Text (above 18pt) WCAG AA × Fail

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 46.4841, 0.3004, 0.3263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

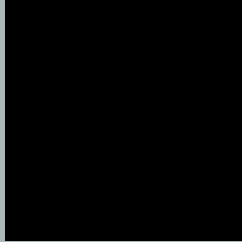
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

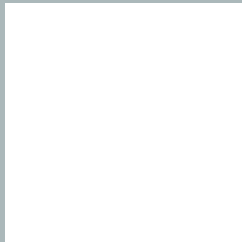
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.4841, 0.3004, 0.3263

Background



This preview shows how black text looks on a background with the Yxy color 46.4841, 0.3004, 0.3263.



This preview shows how white text looks on a background with the Yxy color 46.4841, 0.3004, 0.3263.

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

46.4841, 0.3004, 0.3263

Protanopia

46.2936, 0.3130, 0.3238

Deuteranopia

46.4173, 0.3204, 0.3140



Tritanopia

46.3714, 0.2939, 0.3094

Trichromacy



Original Color

46.4841, 0.3004, 0.3263

Protanomaly

46.1342, 0.3079, 0.3238

Deuteranomaly

46.3929, 0.3132, 0.3188

Tritanomaly

46.4879, 0.2960, 0.3158

Monochromacy



Original Color

46.4841, 0.3004, 0.3263

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.7723, 0.3085, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.4841, 0.3004, 0.3263 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(171, 184, 186)` looks like.

```
.text, #text, p{  
    color:rgb(171, 184, 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(171, 184, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 184, 186) }
```

Border

The CSS property to change the border of an element to Yxy 46.4841, 0.3004, 0.3263 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(171, 184, 186) }
```

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

```
.border{ border-color:rgb(171, 184, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 184, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 184, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 184, 186);  
box-shadow:4px 4px 4px 4px rgb(171, 184,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 46.4841, 0.3004, 0.3263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 184, 186) }
```

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

```
.background{ background-color: rgb(171,  
184, 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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