

Converting Colors

$Yxy(46.0667, 0.3007, 0.3247)$

Have a look what the booklet for
Yxy(46.0667, 0.3007, 0.3247)
contains.

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Color

Yxy(46.0701, 0.3004, 0.3250)

Conversions

Conversions Part 1

Format	Color
Hex	ABB7BA
RGB	171, 183, 186
RGB Percent	67%, 72%, 73%
CMY	0.3296, 0.2823, 0.2706
CMYK	0.08, 0.02, 0.00, 0.27
HSL	192°, 10%, 70%
HSV	192°, 8%, 73%
XYZ	42.5829, 46.0701, 53.1011
YIQ	179.7540, -8.1150, -1.6110

Conversions

Conversions Part 2

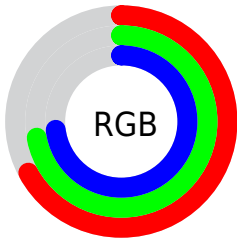
Format	Color
R _Y B	171, 178, 186
Decimal	11253690
CIE Lab	73.59, -3.58, -2.96
CIE LCh	74, 4.642, 219.607
Yxy	46.0701, 0.3004, 0.3250
Android (android.graphics.Color)	4289443770 (0xFFABB7BA)
YUV	179.7540, 3.0793, -7.6773
Hunter-Lab	67.8750, -6.7950, 1.1277

Details

The Yxy color **46.0701, 0.3004, 0.3250** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.6241, 0.3261, 0.3330**, and the grayscale version is **45.4867, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.3126, 0.3025, 0.3259**, and **21.5807, 0.2971, 0.3235** is the 20% darker color. If you saturate the color by 10%, you get **42.6282, 0.2854, 0.3196**, and if you desaturate by 10%, it is **49.8496, 0.3156, 0.3299**.

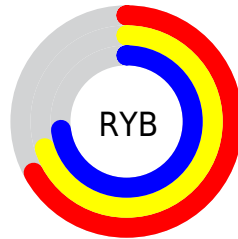
Distribution



Red (67%)

Green (72%)

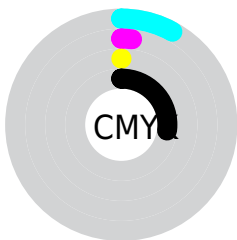
Blue (73%)



Red (67%)

Yellow (70%)

Blue (73%)

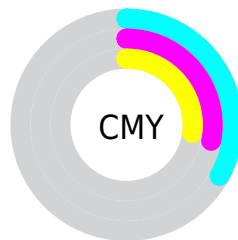


Cyan (8%)

Magenta (2%)

Yellow (0%)

Black (27%)



Cyan (33%)

Magenta (28%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.0701, 0.3004, 0.3250 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 46.0701, 0.3004, 0.3250 by changing the saturation by 10% instead.

■ 46.0701, 0.3004,
0.3250

■ 46.0701, 0.3004,
0.3250

■ 371.0904, 0.3066,
0.3270

■ 32.3011, 0.2989,
0.3245

■ 84.3239, 0.3026,
0.3257

■ 21.5916, 0.2969,
0.3238

■ 109.5775, 0.3035,
0.3260

■ 13.5571, 0.2943,
0.3229

■ 139.4282, 0.3042,
0.3263

■ 7.8133, 0.2906,
0.3216

■ 174.2602, 0.3048,
0.3265

■ 3.9757, 0.2851,
0.3196

■ 214.4581, 0.3053,
0.3266

■ 1.6600, 0.2760,
0.3162

■ 260.4061, 0.3058,

■ 0.3975, 0.2188,

0.3268

0.2994

312.4888, 0.3062,
0.3269

0.0000, 0.0000,
0.0000

46.0701, 0.3004,
0.3250

46.0701, 0.3004,
0.3250

42.6282, 0.2854,
0.3196

49.8496, 0.3156,
0.3299

39.5056, 0.2709,
0.3138

53.9725, 0.3309,
0.3343

36.6908, 0.2573,
0.3075

58.4522, 0.3459,
0.3382

34.1695, 0.2448,
0.3009

63.2992, 0.3605,
0.3417

31.9258, 0.2338,
0.2940

66.7859, 0.3675,
0.3452

■ 29.9426, 0.2244,
0.2869

■ 68.5299, 0.3665,
0.3490

■ 28.2001, 0.2169,
0.2797

■ 70.3154, 0.3655,
0.3527

■ 26.6755, 0.2113,
0.2726

■ 72.1427, 0.3645,
0.3564

■ 25.3328, 0.2074,
0.2655

■ 74.0121, 0.3635,
0.3601

Harmonies

Analogous

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



46.0701, 0.3034, 0.3309



46.0701, 0.3004, 0.3250



46.0701, 0.3006, 0.3203

Triad

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



46.0701, 0.3004, 0.3250



46.0701, 0.3164, 0.3219



46.0701, 0.3214, 0.3402

Complementary

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



46.0701, 0.3004, 0.3250



43.6241, 0.3261, 0.3330

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.



46.0701, 0.3250, 0.3376



46.0701, 0.3004, 0.3250



46.0701, 0.3221, 0.3271

Square

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



46.0701, 0.3004, 0.3250



46.0701, 0.3098, 0.3186



46.0701, 0.3252, 0.3328



46.0701, 0.3155, 0.3397

Rectangle

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



46.0701, 0.3004, 0.3250



46.0701, 0.3026, 0.3185



46.0701, 0.3252, 0.3328



46.0701, 0.3229, 0.3396

Sweetspot

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



46.0720, 0.3004, 0.3250



87.5826, 0.3096, 0.3280



46.8147, 0.3096, 0.3455



19.3029, 0.3098, 0.3281



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.



46.0720, 0.3004, 0.3250



82.1645, 0.2973, 0.3239



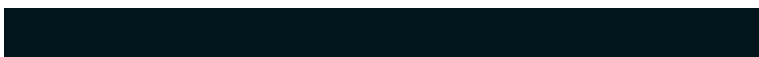
43.1377, 0.3004, 0.3152



9.9001, 0.2985, 0.3244



16.9840, 0.2070, 0.2650



0.6769, 0.2120, 0.2833

Inverse Universe

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



42.9666, 0.3161, 0.3133



75.2181, 0.3171, 0.3092



46.5206, 0.3251, 0.3425



9.1314, 0.3167, 0.3109



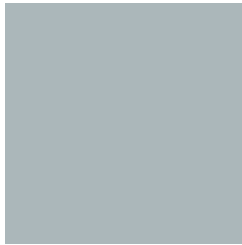
8.4969, 0.3775, 0.1853



0.3074, 0.3604, 0.1759

Previews

White Background



This preview shows how the Yxy color 46.0701, 0.3004, 0.3250 looks on a white background.

Color Contrast Check

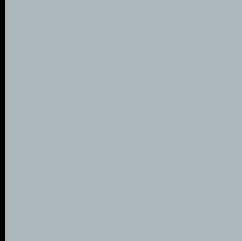
Large Text (above 18pt) WCAG AA × Fail

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 46.0701, 0.3004, 0.3250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

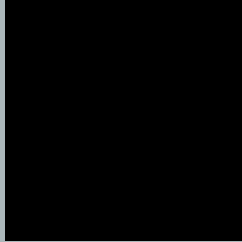
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

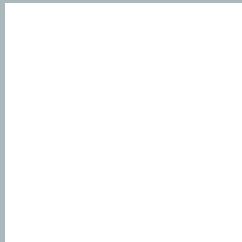
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.0701, 0.3004, 0.3250

Background



This preview shows how black text looks on a background with the Yxy color 46.0701, 0.3004, 0.3250.



This preview shows how white text looks on a background with the Yxy color 46.0701, 0.3004, 0.3250.

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

46.0701, 0.3004, 0.3250

Protanopia

46.1705, 0.3121, 0.3238

Deuteranopia

45.8929, 0.3196, 0.3127



Tritanopia

45.9175, 0.2946, 0.3094

Trichromacy



Original Color

46.0701, 0.3004, 0.3250

Protanomaly

46.1342, 0.3079, 0.3238

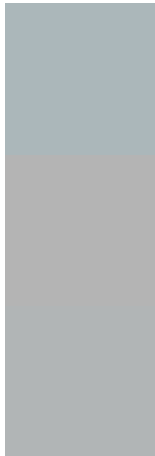
Deuteranomaly

45.8677, 0.3124, 0.3174

Tritanomaly

46.0323, 0.2968, 0.3158

Monochromacy



Original Color

46.0701, 0.3004, 0.3250

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 46.0701, 0.3004, 0.3250 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, 183, 186)` looks like.

```
.text, #text, p{  
    color:rgb(171, 183, 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, 183, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 183, 186) }
```

Border

The CSS property to change the border of an element to Yxy 46.0701, 0.3004, 0.3250 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, 183, 186) }
```

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

```
.border{ border-color:rgb(171, 183, 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, 183, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 183, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 183, 186);  
box-shadow:4px 4px 4px 4px rgb(171, 183,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 46.0701, 0.3004, 0.3250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 183, 186) }
```

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

```
.background{ background-color: rgb(171,  
183, 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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