

Converting Colors

Yxy(44.6897, 0.3031, 0.3246)

Have a look what the booklet for
Yxy(44.6897, 0.3031, 0.3246)
contains.

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Color

Yxy(44.7193, 0.3027, 0.3250)

Conversions

Conversions Part 1

Format	Color
Hex	ABB4B7
RGB	171, 180, 183
RGB Percent	67%, 71%, 72%
CMY	0.3297, 0.2940, 0.2824
CMYK	0.07, 0.02, 0.00, 0.28
HSL	195°, 8%, 69%
HSV	195°, 7%, 72%
XYZ	41.6509, 44.7193, 51.2277
YIQ	177.6510, -6.3270, -0.9750

Conversions

Conversions Part 2

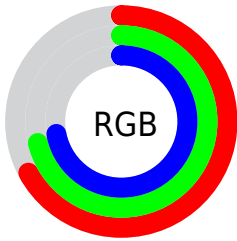
Format	Color
RYB	171, 176, 183
Decimal	11252919
CIELab	72.71, -2.58, -2.61
CIELCh	73, 3.668, 225.374
Yxy	44.7193, 0.3027, 0.3250
Android (android.graphics.Color)	4289442999 (0xFFABB4B7)
YUV	177.6510, 2.6371, -5.8329
Hunter-Lab	66.8725, -5.8499, 1.3916

Details

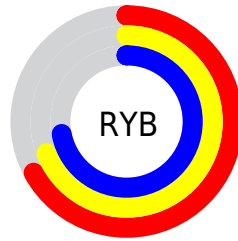
The Yxy color **44.7193, 0.3027, 0.3250** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.2349, 0.3233, 0.3330**, and the grayscale version is **44.3107, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.3917, 0.3043, 0.3259**, and **20.7124, 0.3002, 0.3234** is the 20% darker color. If you saturate the color by 10%, you get **41.0212, 0.2876, 0.3184**, and if you desaturate by 10%, it is **48.7646, 0.3179, 0.3310**.

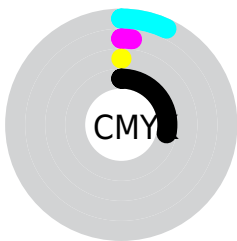
Distribution



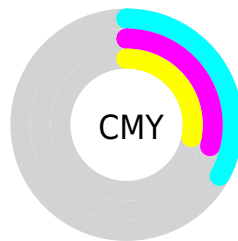
- Red (67%)
- Green (71%)
- Blue (72%)



- Red (67%)
- Yellow (69%)
- Blue (72%)



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)
- Black (28%)



- Cyan (33%)
- Magenta (29%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.7193, 0.3027, 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 44.7193, 0.3027, 0.3250 by changing the saturation by 10% instead.

■ 44.7193, 0.3027,
0.3250

■ 44.7193, 0.3027,
0.3250

365.6355, 0.3077,
0.3270

■ 31.2364, 0.3014,
0.3245

■ 82.2990, 0.3045,
0.3258

■ 20.7789, 0.2998,
0.3238

107.1646, 0.3052,
0.3260

■ 12.9625, 0.2976,
0.3229

136.5933, 0.3058,
0.3263

■ 7.4027, 0.2946,
0.3216

170.9693, 0.3063,
0.3265

■ 3.7152, 0.2899,
0.3196

210.6772, 0.3067,
0.3266

■ 1.5156, 0.2821,
0.3162

256.1012, 0.3071,

■ 0.2996, 0.2154,

0.3268

0.2908

307.6259, 0.3074,
0.3269

0.0000, 0.0000,
0.0000

44.7193, 0.3027,
0.3250

44.7193, 0.3027,
0.3250

41.0212, 0.2876,
0.3184

48.7646, 0.3179,
0.3310

37.6523, 0.2728,
0.3112

53.1627, 0.3329,
0.3363

34.6016, 0.2586,
0.3035

57.9267, 0.3476,
0.3411

31.8552, 0.2455,
0.2953

63.0667, 0.3619,
0.3453

29.3978, 0.2336,
0.2866

67.1569, 0.3696,
0.3494

■ 27.2129, 0.2233,
0.2777

■ 69.3047, 0.3683,
0.3540

■ 25.2816, 0.2148,
0.2687

■ 71.5145, 0.3670,
0.3585

■ 23.5824, 0.2082,
0.2596

■ 73.7869, 0.3658,
0.3630

■ 22.0861, 0.2035,
0.2506

■ 76.1223, 0.3645,
0.3675

Harmonies

Analogous

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



44.7193, 0.3047, 0.3296



44.7193, 0.3027, 0.3250



44.7193, 0.3034, 0.3215

Triad

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



44.7193, 0.3027, 0.3250



44.7193, 0.3167, 0.3241



44.7193, 0.3188, 0.3380

Complementary

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



44.7193, 0.3027, 0.3250



43.2349, 0.3233, 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.



44.7193, 0.3221, 0.3365



44.7193, 0.3027, 0.3250



44.7193, 0.3209, 0.3284

Square

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



44.7193, 0.3027, 0.3250



44.7193, 0.3114, 0.3210



44.7193, 0.3229, 0.3329



44.7193, 0.3140, 0.3372

Rectangle

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



44.7193, 0.3027, 0.3250



44.7193, 0.3053, 0.3203



44.7193, 0.3229, 0.3329



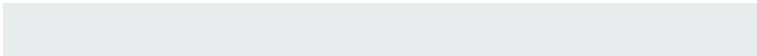
44.7193, 0.3202, 0.3378

Sweetspot

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



44.7212, 0.3027, 0.3250



83.3292, 0.3096, 0.3278



45.5577, 0.3098, 0.3415



18.4217, 0.3098, 0.3279



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.



44.7212, 0.3027, 0.3250



79.0446, 0.3004, 0.3240



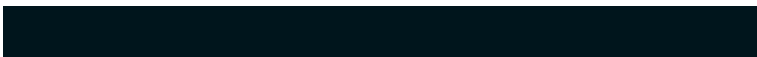
42.3981, 0.3028, 0.3170



9.8267, 0.2985, 0.3233



15.1846, 0.2024, 0.2486



0.6262, 0.2088, 0.2717

Inverse Universe

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



42.4627, 0.3159, 0.3170



74.1195, 0.3167, 0.3142



45.5538, 0.3227, 0.3407



9.1240, 0.3174, 0.3119



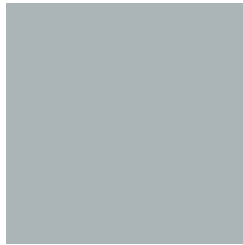
8.3152, 0.3936, 0.1942



0.3023, 0.3712, 0.1819

Previews

White Background



This preview shows how the Yxy color 44.7193, 0.3027, 0.3250 looks on a white background.

Color Contrast Check

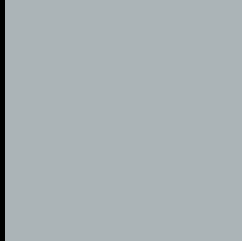
Large Text (above 18pt) WCAG AA × Fail

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 44.7193, 0.3027, 0.3250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

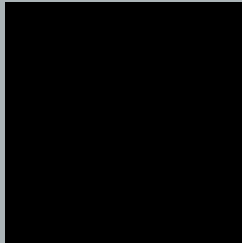
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

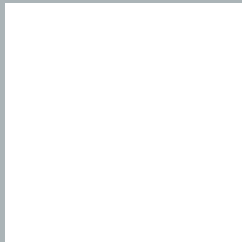
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.7193, 0.3027, 0.3250

Background



This preview shows how black text looks on a background with the Yxy color 44.7193, 0.3027, 0.3250.



This preview shows how white text looks on a background with the Yxy color 44.7193, 0.3027, 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

44.7193, 0.3027, 0.3250

Protanopia

44.4838, 0.3121, 0.3237

Deuteranopia

44.6853, 0.3214, 0.3150



Tritanopia

44.9747, 0.2968, 0.3106

Trichromacy



Original Color

44.7193, 0.3027, 0.3250

Protanomaly

44.5653, 0.3087, 0.3237

Deuteranomaly

44.8256, 0.3141, 0.3186

Tritanomaly

44.6850, 0.2990, 0.3157

Monochromacy



Original Color

44.7193, 0.3027, 0.3250

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.6494, 0.3085, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7193, 0.3027, 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, 180, 183)` looks like.

```
.text, #text, p{  
    color:rgb(171, 180, 183)  
}
```

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, 180, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 180, 183) }
```

Border

The CSS property to change the border of an element to Yxy 44.7193, 0.3027, 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, 180, 183) }
```

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

```
.border{ border-color:rgb(171, 180, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 180, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 180, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 180, 183);  
box-shadow:4px 4px 4px 4px rgb(171, 180,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7193, 0.3027, 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, 180, 183) }
```

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

```
.background{ background-color: rgb(171,  
180, 183) }
```

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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