

Converting Colors

$Y_{xy}(46.2193, 0.3118, 0.3252)$

Have a look what the booklet for
Yxy(46.2193, 0.3118, 0.3252)
contains.

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Color

Yxy(46.0065, 0.3120, 0.3251)

Conversions

Conversions Part 1

Format	Color
Hex	B6B4B7
RGB	182, 180, 183
RGB Percent	71%, 71%, 72%
CMY	0.2864, 0.2941, 0.2823
CMYK	0.01, 0.02, 0.00, 0.28
HSL	279°, 2%, 71%
HSV	279°, 2%, 72%
XYZ	44.1527, 46.0065, 51.3558
YIQ	180.9400, 0.2290, 1.3570

Conversions

Conversions Part 2

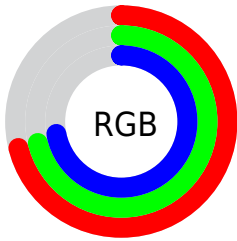
Format	Color
RYB	182, 180, 183
Decimal	11973815
CIELab	73.55, 1.25, -1.29
CIELCh	74, 1.791, 314.089
Yxy	46.0065, 0.3120, 0.3251
Android (android.graphics.Color)	4290163895 (0xFFB6B4B7)
YUV	180.9400, 1.0156, 0.9296
Hunter-Lab	67.8281, -2.5047, 2.5885

Details

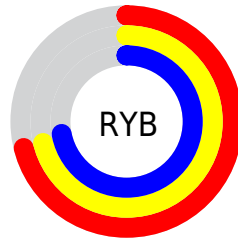
The Yxy color `46.0065, 0.3120, 0.3251` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `46.9975, 0.3134, 0.3329`, and the grayscale version is `46.1668, 0.3127, 0.3290`.

A 20% lighter version of the original color is `84.4000, 0.3122, 0.3260`, and `21.4576, 0.3118, 0.3236` is the 20% darker color. If you saturate the color by 10%, you get `38.3358, 0.3071, 0.3002`, and if you desaturate by 10%, it is `54.6926, 0.3161, 0.3482`.

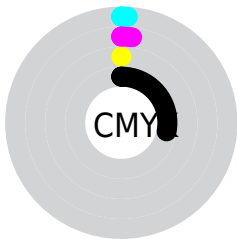
Distribution



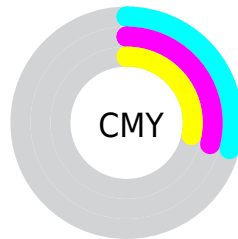
- Red (71%)
- Green (71%)
- Blue (72%)



- Red (71%)
- Yellow (71%)
- Blue (72%)



- Cyan (1%)
- Magenta (2%)
- Yellow (0%)
- Black (28%)



- Cyan (29%)
- Magenta (29%)
- Yellow (28%)
- Black (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.0065, 0.3120, 0.3251 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 46.0065, 0.3120, 0.3251 by changing the saturation by 10% instead.

■ 46.0065, 0.3120,
0.3251

■ 46.0065, 0.3120,
0.3251

370.8348, 0.3124,
0.3271

■ 32.2510, 0.3119,
0.3246

■ 84.2287, 0.3121,
0.3258

■ 21.5533, 0.3118,
0.3240

109.4642, 0.3122,
0.3261

■ 13.5290, 0.3116,
0.3231

139.2951, 0.3122,
0.3263

■ 7.7938, 0.3114,
0.3220

174.1058, 0.3123,
0.3265

■ 3.9633, 0.3111,
0.3202

214.2807, 0.3123,
0.3267

■ 1.6531, 0.3105,
0.3173

260.2043, 0.3123,

■ 0.3930, 0.3072,

0.3268

0.2989

312.2608, 0.3123,
0.3269

0.0000, 0.0000,
0.0000

46.0065, 0.3120,
0.3251

46.0065, 0.3120,
0.3251

38.3358, 0.3071,
0.3002

54.6926, 0.3161,
0.3482

31.6363, 0.3014,
0.2738

64.4246, 0.3194,
0.3693

25.8689, 0.2947,
0.2464

75.2388, 0.3221,
0.3885

20.9899, 0.2871,
0.2188

87.1683, 0.3243,
0.4058

16.9519, 0.2787,
0.1919

89.2469, 0.3282,
0.4065

■ 13.7028, 0.2697,
0.1668

■ 90.2331, 0.3324,
0.4055

■ 11.1848, 0.2603,
0.1449

■ 91.2579, 0.3367,
0.4044

■ 9.3318, 0.2508,
0.1272

■ 92.3216, 0.3409,
0.4034

■ 8.0653, 0.2416,
0.1143

■ 93.4247, 0.3452,
0.4023

Harmonies

Analogous

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



46.0065, 0.3097, 0.3247



46.0065, 0.3120, 0.3251



46.0065, 0.3145, 0.3265

Triad

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



46.0065, 0.3120, 0.3251



46.0065, 0.3173, 0.3326



46.0065, 0.3089, 0.3294

Complementary

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



46.0065, 0.3120, 0.3251



46.9975, 0.3134, 0.3329

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.



46.0065, 0.3109, 0.3315



46.0065, 0.3120, 0.3251



46.0065, 0.3158, 0.3334

Square

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



46.0065, 0.3120, 0.3251



46.0065, 0.3176, 0.3308



46.0065, 0.3134, 0.3330



46.0065, 0.3079, 0.3272

Rectangle

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



46.0065, 0.3120, 0.3251



46.0065, 0.3160, 0.3279



46.0065, 0.3134, 0.3330



46.0065, 0.3095, 0.3302

Sweetspot

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



46.0085, 0.3120, 0.3251



84.8088, 0.3127, 0.3290



46.2184, 0.3103, 0.3265



18.7317, 0.3127, 0.3290



93.3107, 0.3127, 0.3290

Same Dimension

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



46.0085, 0.3120, 0.3251



81.8107, 0.3118, 0.3241



46.1201, 0.3132, 0.3256



10.3075, 0.3119, 0.3245



5.1488, 0.2353, 0.1070



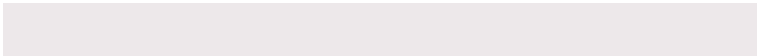
0.2147, 0.2579, 0.1195

Inverse Universe

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



46.0564, 0.3144, 0.3276



81.9176, 0.3149, 0.3273



46.8873, 0.3122, 0.3324



10.3199, 0.3147, 0.3274



7.2951, 0.5540, 0.2826



0.2692, 0.4813, 0.2425

Previews

White Background



This preview shows how the Yxy color 46.0065, 0.3120, 0.3251 looks on a white background.

Color Contrast Check

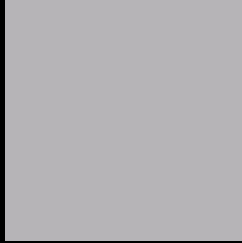
Large Text (above 18pt) WCAG AA × Fail

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 46.0065, 0.3120, 0.3251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

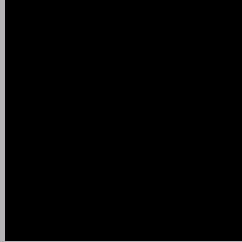
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

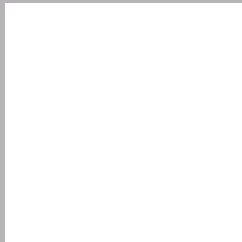
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.0065, 0.3120, 0.3251

Background



This preview shows how black text looks on a background with the Yxy color 46.0065, 0.3120, 0.3251.

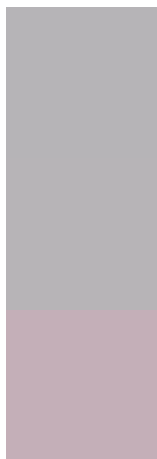


This preview shows how white text looks on a background with the Yxy color 46.0065, 0.3120, 0.3251.

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

46.0065, 0.3120, 0.3251

Protanopia

46.1287, 0.3129, 0.3251

Deuteranopia

45.8564, 0.3239, 0.3177



Tritanopia

46.1577, 0.3051, 0.3110

Trichromacy



Original Color

46.0065, 0.3120, 0.3251

Protanomaly

46.1287, 0.3129, 0.3251

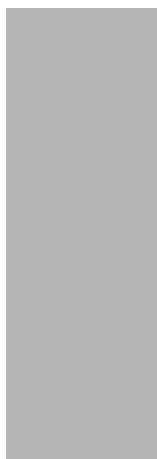
Deuteranomaly

45.9813, 0.3193, 0.3201

Tritanomaly

45.9816, 0.3082, 0.3161

Monochromacy



Original Color

46.0065, 0.3120, 0.3251

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.2489, 0.3119, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.0065, 0.3120, 0.3251 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(182, 180, 183)` looks like.

```
.text, #text, p{  
    color:rgb(182, 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(182, 180, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 180, 183) }
```

Border

The CSS property to change the border of an element to Yxy 46.0065, 0.3120, 0.3251 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(182, 180, 183) }
```

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

```
.border{ border-color:rgb(182, 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(182, 180, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 180, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 180, 183);  
box-shadow:4px 4px 4px 4px rgb(182, 180,  
183) }
```

Background

The CSS property to change the background color of an element to Yxy 46.0065, 0.3120, 0.3251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 180, 183) }
```

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

```
.background{ background-color: rgb(182,  
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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