

Converting Colors

$Yxy(46.1984, 0.3129, 0.3242)$

Have a look what the booklet for
Yxy(46.1984, 0.3129, 0.3242)
contains.

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Color

Yxy(46.2936, 0.3130, 0.3238)

Conversions

Conversions Part 1

Format	Color
Hex	B8B4B8
RGB	184, 180, 184
RGB Percent	72%, 71%, 72%
CMY	0.2782, 0.2942, 0.2784
CMYK	0.00, 0.02, 0.00, 0.28
HSL	301°, 3%, 71%
HSV	301°, 2%, 72%
XYZ	44.7495, 46.2936, 51.9266
YIQ	181.6520, 1.1000, 2.0920

Conversions

Conversions Part 2

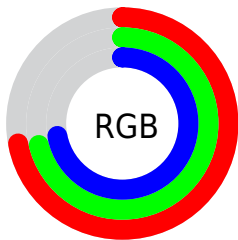
Format	Color
RYB	184, 180, 184
Decimal	12104888
CIELab	73.74, 2.18, -1.54
CIELCh	74, 2.671, 324.776
Yxy	46.2936, 0.3130, 0.3238
Android (android.graphics.Color)	4290294968 (0xFFB8B4B8)
YUV	181.6520, 1.1576, 2.0592
Hunter-Lab	68.0394, -1.6695, 2.3784

Details

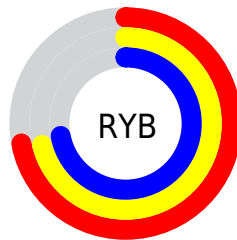
The Yxy color **46.2936, 0.3130, 0.3238** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.3012, 0.3124, 0.3343**, and the grayscale version is **46.5779, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.8074, 0.3129, 0.3250**, and **21.6427, 0.3130, 0.3219** is the 20% darker color. If you saturate the color by 10%, you get **39.3429, 0.3143, 0.2997**, and if you desaturate by 10%, it is **54.2350, 0.3117, 0.3469**.

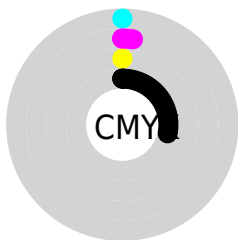
Distribution



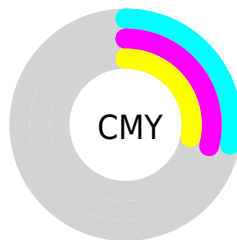
- Red (72%)
- Green (71%)
- Blue (72%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.2936, 0.3130, 0.3238 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 46.2936, 0.3130, 0.3238 by changing the saturation by 10% instead.

■ 46.2936, 0.3130,
0.3238

■ 46.2936, 0.3130,
0.3238

371.9878, 0.3129,
0.3264

■ 32.4776, 0.3130,
0.3232

■ 84.6582, 0.3130,
0.3247

■ 21.7265, 0.3131,
0.3223

109.9756, 0.3129,
0.3251

■ 13.6561, 0.3131,
0.3212

139.8956, 0.3129,
0.3254

■ 7.8819, 0.3132,
0.3197

174.8025, 0.3129,
0.3257

■ 4.0195, 0.3133,
0.3173

215.0808, 0.3129,
0.3259

■ 1.6844, 0.3134,
0.3135

261.1148, 0.3129,

■ 0.4136, 0.3148,

0.3261

0.2917

313.2890, 0.3129,
0.3263

0.0000, 0.0000,
0.0000

46.2936, 0.3130,
0.3238

46.2936, 0.3130,
0.3238

39.3429, 0.3143,
0.2997

54.2350, 0.3117,
0.3469

33.3384, 0.3157,
0.2753

63.1976, 0.3106,
0.3687

28.2410, 0.3171,
0.2511

73.2180, 0.3095,
0.3890

24.0064, 0.3185,
0.2280

84.3292, 0.3086,
0.4076

20.5868, 0.3198,
0.2070

85.2222, 0.3084,
0.4087

■ 17.9299, 0.3210,
0.1889

■ 85.2311, 0.3083,
0.4085

■ 15.9769, 0.3220,
0.1746

■ 85.2401, 0.3082,
0.4082

■ 14.6609, 0.3228,
0.1644

■ 85.2490, 0.3080,
0.4080

■ 13.9018, 0.3234,
0.1583

■ 85.2580, 0.3079,
0.4077

Harmonies

Analogous

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



46.2936, 0.3093, 0.3226



46.2936, 0.3130, 0.3238



46.2936, 0.3166, 0.3264

Triad

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



46.2936, 0.3130, 0.3238



46.2936, 0.3189, 0.3349



46.2936, 0.3063, 0.3284

Complementary

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



46.2936, 0.3130, 0.3238



47.3012, 0.3124, 0.3343

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.



46.2936, 0.3088, 0.3317



46.2936, 0.3130, 0.3238



46.2936, 0.3161, 0.3355

Square

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



46.2936, 0.3130, 0.3238



46.2936, 0.3201, 0.3327



46.2936, 0.3124, 0.3343



46.2936, 0.3054, 0.3252

Rectangle

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



46.2936, 0.3130, 0.3238



46.2936, 0.3185, 0.3285



46.2936, 0.3124, 0.3343



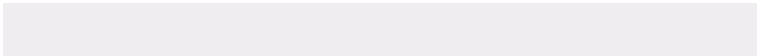
46.2936, 0.3070, 0.3295

Sweetspot

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



46.2956, 0.3130, 0.3238



85.4886, 0.3128, 0.3266



45.8027, 0.3095, 0.3237



18.4453, 0.3128, 0.3267



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.



46.2956, 0.3130, 0.3238



82.7416, 0.3131, 0.3218



46.2129, 0.3146, 0.3264



10.0340, 0.3132, 0.3202



9.3483, 0.3238, 0.1557



0.3301, 0.3230, 0.1553

Inverse Universe

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



46.2956, 0.3130, 0.3238



82.7416, 0.3131, 0.3218



47.3827, 0.3109, 0.3316



10.0340, 0.3132, 0.3202



9.3483, 0.3238, 0.1557



0.3301, 0.3230, 0.1553

Previews

White Background



This preview shows how the Yxy color 46.2936, 0.3130, 0.3238 looks on a white background.

Color Contrast Check

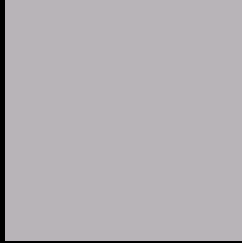
Large Text (above 18pt) WCAG AA × Fail

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 46.2936, 0.3130, 0.3238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

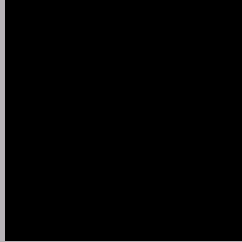
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

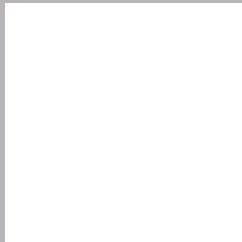
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.2936, 0.3130, 0.3238

Background



This preview shows how black text looks on a background with the Yxy color 46.2936, 0.3130, 0.3238.



This preview shows how white text looks on a background with the Yxy color 46.2936, 0.3130, 0.3238.

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

46.2936, 0.3130, 0.3238

Protanopia

46.1705, 0.3121, 0.3238

Deuteranopia

46.4238, 0.3238, 0.3178



Tritanopia

46.4047, 0.3067, 0.3111

Trichromacy



Original Color

46.2936, 0.3130, 0.3238

Protanomaly

46.1705, 0.3121, 0.3238

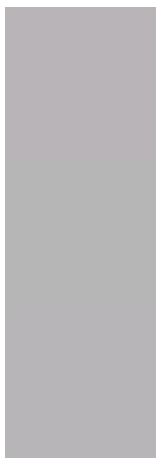
Deuteranomaly

46.1535, 0.3193, 0.3189

Tritanomaly

46.2722, 0.3091, 0.3149

Monochromacy



Original Color

46.2936, 0.3130, 0.3238

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.5339, 0.3128, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.2936, 0.3130, 0.3238 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(184, 180, 184)` looks like.

```
.text, #text, p{  
    color:rgb(184, 180, 184)  
}
```

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(184, 180, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 180, 184) }
```

Border

The CSS property to change the border of an element to Yxy 46.2936, 0.3130, 0.3238 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(184, 180, 184) }
```

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

```
.border{ border-color:rgb(184, 180, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 180, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 180, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 180, 184); box-shadow:4px 4px 4px 4px rgb(184, 180, 184) }
```


Background

The CSS property to change the background color of an element to Yxy 46.2936, 0.3130, 0.3238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 180, 184) }
```

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

```
.background{ background-color: rgb(184,  
180, 184) }
```

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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