

Converting Colors

$Yxy(46.4601, 0.3130, 0.3053)$

Have a look what the booklet for
Yxy(46.4601, 0.3130, 0.3053)
contains.

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Color

Yxy(46.4601, 0.3130, 0.3053)

Conversions

Conversions Part 1

Format	Color
Hex	C2B0C3
RGB	194, 176, 195
RGB Percent	76%, 69%, 76%
CMY	0.2390, 0.3098, 0.2353
CMYK	0.00, 0.10, 0.00, 0.24
HSL	297°, 14%, 73%
HSV	297°, 10%, 76%
XYZ	47.6319, 46.4601, 58.0865
YIQ	183.5480, 4.6290, 9.7250

Conversions

Conversions Part 2

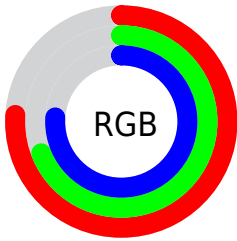
Format	Color
RYB	194, 176, 195
Decimal	12759235
CIELab	73.84, 9.90, -7.30
CIELCh	74, 12.301, 323.570
Yxy	46.4601, 0.3130, 0.3053
Android (android.graphics.Color)	4290949315 (0xFFC2B0C3)
YUV	183.5480, 5.6458, 9.1664
Hunter-Lab	68.1616, 5.4543, -2.8131

Details

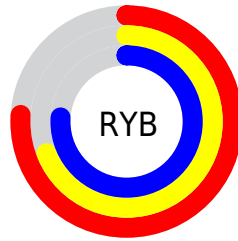
The Yxy color `46.4601, 0.3130, 0.3053` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `51.5054, 0.3123, 0.3538`, and the grayscale version is `47.6406, 0.3127, 0.3290`.

A 20% lighter version of the original color is `85.2507, 0.3130, 0.3095`, and `21.6645, 0.3129, 0.2986` is the 20% darker color. If you saturate the color by 10%, you get `39.2277, 0.3132, 0.2803`, and if you desaturate by 10%, it is `54.7958, 0.3127, 0.3296`.

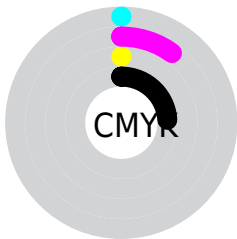
Distribution



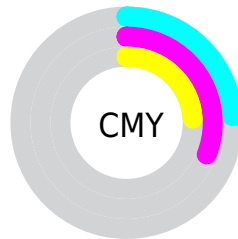
- Red (76%)
- Green (69%)
- Blue (76%)



- Red (76%)
- Yellow (69%)
- Blue (76%)



- Cyan (0%)
- Magenta (10%)
- Yellow (0%)
- Black (24%)





- Cyan (24%)
- Magenta (31%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.4601, 0.3130, 0.3053 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 46.4601, 0.3130, 0.3053 by changing the saturation by 10% instead.

 46.4601, 0.3130,
0.3053

 46.4601, 0.3130,
0.3053

372.6553, 0.3129,
0.3170

 32.6090, 0.3130,
0.3024


 84.9072, 0.3130,
0.3095

 21.8271, 0.3130,
0.2988


110.2720, 0.3130,
0.3111

 13.7299, 0.3129,
0.2940


140.2435, 0.3130,
0.3124

 7.9331, 0.3127,
0.2875

175.2061, 0.3130,
0.3136

 4.0521, 0.3124,
0.2779

215.5441, 0.3130,
0.3146

 1.7028, 0.3117,
0.2626

261.6421, 0.3130,


 0.4255, 0.3158,

0.3155

0.2080

313.8844, 0.3130,
0.3163

 0.0000, 0.0000,
0.0000


 46.4601, 0.3130,
0.3053

 46.4601, 0.3130,
0.3053


 39.2277, 0.3132,
0.2803

 54.7958, 0.3127,
0.3296


 33.0459, 0.3132,
0.2552

 64.2726, 0.3123,
0.3527


 27.8667, 0.3131,
0.2309

 74.9338, 0.3119,
0.3743

 23.6363, 0.3128,
0.2084

 86.8190, 0.3114,
0.3943

 20.2955, 0.3123,
0.1884

 87.5952, 0.3120,
0.3952

■ 17.7786, 0.3115,
0.1720

■ 87.7298, 0.3126,
0.3951

■ 16.0108, 0.3106,
0.1598

■ 87.8652, 0.3132,
0.3950

■ 14.9039, 0.3095,
0.1518

■ 88.0015, 0.3138,
0.3949

■ 14.2920, 0.3083,
0.1473

■ 88.1387, 0.3144,
0.3947

Harmonies

Analogous

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



46.4601, 0.2963, 0.3002



46.4601, 0.3130, 0.3053



46.4601, 0.3300, 0.3163

Triad

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



46.4601, 0.3130, 0.3053



46.4601, 0.3417, 0.3557



46.4601, 0.2837, 0.3262

Complementary

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



46.4601, 0.3130, 0.3053



51.5054, 0.3123, 0.3538

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.



46.4601, 0.2953, 0.3421



46.4601, 0.3130, 0.3053



46.4601, 0.3287, 0.3594

Square

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



46.4601, 0.3130, 0.3053



46.4601, 0.3468, 0.3450



46.4601, 0.3117, 0.3544



46.4601, 0.2798, 0.3116

Rectangle

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



46.4601, 0.3130, 0.3053



46.4601, 0.3391, 0.3257



46.4601, 0.3117, 0.3544



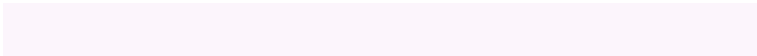
46.4601, 0.2868, 0.3316

Sweetspot

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



46.4621, 0.3130, 0.3053



92.9953, 0.3128, 0.3217



44.7152, 0.2977, 0.3058



20.0936, 0.3128, 0.3197



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



46.4621, 0.3130, 0.3053



79.8778, 0.3131, 0.2993



46.2266, 0.3206, 0.3155



10.2209, 0.3130, 0.3063



9.2913, 0.3085, 0.1473



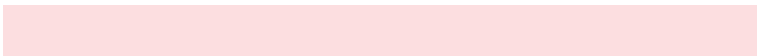
0.4095, 0.3114, 0.1489

Inverse Universe

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



45.8211, 0.3288, 0.3278



78.4695, 0.3334, 0.3275



51.7296, 0.3056, 0.3429



10.0859, 0.3281, 0.3279



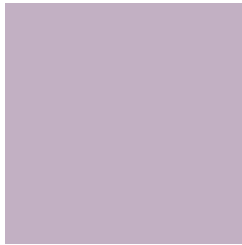
7.5585, 0.6338, 0.3265



0.3295, 0.6116, 0.3143

Previews

White Background



This preview shows how the Yxy color 46.4601, 0.3130, 0.3053 looks on a white background.

Color Contrast Check

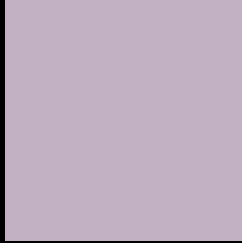
Large Text (above 18pt) WCAG AA × Fail

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 46.4601, 0.3130, 0.3053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

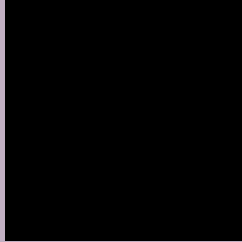
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.4601, 0.3130, 0.3053

Background



This preview shows how black text looks on a background with the Yxy color 46.4601, 0.3130, 0.3053.



This preview shows how white text looks on a background with the Yxy color 46.4601, 0.3130, 0.3053.

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

46.4601, 0.3130, 0.3053

Protanopia

46.4230, 0.2987, 0.3059

Deuteranopia

46.3283, 0.3121, 0.3052



Tritanopia

46.5433, 0.3153, 0.3114

Trichromacy



Original Color

46.4601, 0.3130, 0.3053

Protanomaly

46.5857, 0.3036, 0.3061

Deuteranomaly

46.3283, 0.3121, 0.3052

Tritanomaly

46.5875, 0.3145, 0.3102

Monochromacy



Original Color

46.4601, 0.3130, 0.3053

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.3700, 0.3131, 0.3201

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.4601, 0.3130, 0.3053 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(194, 176, 195)` looks like.

```
.text, #text, p{  
    color:rgb(194, 176, 195)  
}
```

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(194, 176, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 176, 195) }
```

Border

The CSS property to change the border of an element to Yxy 46.4601, 0.3130, 0.3053 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(194, 176, 195) }
```

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

```
.border{ border-color:rgb(194, 176, 195) }
```

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

Here you see how a box with a 4 pixel rgb(194, 176, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 176, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 176, 195);  
box-shadow:4px 4px 4px 4px rgb(194, 176,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 46.4601, 0.3130, 0.3053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 176, 195) }
```

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

```
.background{ background-color: rgb(194,  
176, 195) }
```

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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