

Converting Colors

$Y_{xy}(46.1574, 0.3095, 0.3221)$

Have a look what the booklet for
Yxy(46.1574, 0.3095, 0.3221)
contains.

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Color

Yxy(46.0114, 0.3088, 0.3212)

Conversions

Conversions Part 1

Format	Color
Hex	B5B4BA
RGB	181, 180, 186
RGB Percent	71%, 71%, 73%
CMY	0.2903, 0.2941, 0.2706
CMYK	0.03, 0.03, 0.00, 0.27
HSL	250°, 4%, 72%
HSV	250°, 3%, 73%
XYZ	44.2351, 46.0114, 53.0019
YIQ	180.9830, -1.3300, 2.0780

Conversions

Conversions Part 2

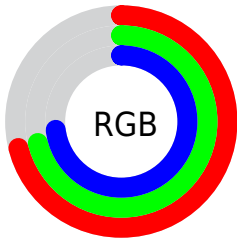
Format	Color
R_{YB}	181, 180, 186
Decimal	11908282
CIE Lab	73.55, 1.47, -2.93
CIE LCh	74, 3.277, 296.720
Yxy	46.0114, 0.3088, 0.3212
Android (android.graphics.Color)	4290098362 (0xFFB5B4BA)
YUV	180.9830, 2.4734, 0.0149
Hunter-Lab	67.8317, -2.3002, 1.1545

Details

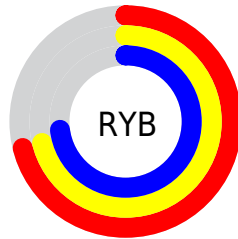
The Yxy color **46.0114, 0.3088, 0.3212** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.7314, 0.3166, 0.3367**, and the grayscale version is **46.1847, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.4062, 0.3097, 0.3229**, and **21.4614, 0.3074, 0.3183** is the 20% darker color. If you saturate the color by 10%, you get **37.2175, 0.2954, 0.2950**, and if you desaturate by 10%, it is **56.0285, 0.3204, 0.3444**.

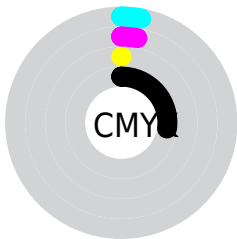
Distribution



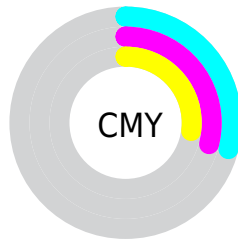
- Red (71%)
- Green (71%)
- Blue (73%)



- Red (71%)
- Yellow (71%)
- Blue (73%)



- Cyan (3%)
- Magenta (3%)
- Yellow (0%)
- Black (27%)



- Cyan (29%)
- Magenta (29%)
- Yellow (27%)
- Black (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.0114, 0.3088, 0.3212 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 46.0114, 0.3088, 0.3212 by changing the saturation by 10% instead.

■ 46.0114, 0.3088,
0.3212

■ 46.0114, 0.3088,
0.3212

370.8545, 0.3108,
0.3251

■ 32.2548, 0.3083,
0.3202

■ 84.2361, 0.3095,
0.3226

■ 21.5562, 0.3077,
0.3190

109.4729, 0.3098,
0.3232

■ 13.5312, 0.3068,
0.3173

139.3053, 0.3100,
0.3236

■ 7.7953, 0.3056,
0.3150

174.1177, 0.3102,
0.3240

■ 3.9643, 0.3038,
0.3115

214.2944, 0.3104,
0.3243

■ 1.6536, 0.3007,
0.3057

260.2198, 0.3105,

■ 0.3933, 0.2854,

0.3246

0.2739

312.2784, 0.3107,
0.3249

0.0000, 0.0000,
0.0000

46.0114, 0.3088,
0.3212

46.0114, 0.3088,
0.3212

37.2175, 0.2954,
0.2950

56.0285, 0.3204,
0.3444

29.5941, 0.2802,
0.2659

67.3071, 0.3303,
0.3648

23.0934, 0.2632,
0.2342

79.8912, 0.3388,
0.3827

17.6619, 0.2448,
0.2009

93.8209, 0.3461,
0.3982

13.2419, 0.2255,
0.1673

96.3251, 0.3538,
0.3969

■ 9.7701, 0.2064,
0.1353

■ 7.1760, 0.1887,
0.1071

■ 5.3791, 0.1737,
0.0850

■ 4.2835, 0.1624,
0.0703

Harmonies

Analogous

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



46.0114, 0.3053, 0.3217



46.0114, 0.3088, 0.3212



46.0114, 0.3134, 0.3228

Triad

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



46.0114, 0.3088, 0.3212



46.0114, 0.3217, 0.3338



46.0114, 0.3077, 0.3321

Complementary

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



46.0114, 0.3088, 0.3212



48.7314, 0.3166, 0.3367

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.



46.0114, 0.3120, 0.3354



46.0114, 0.3088, 0.3212



46.0114, 0.3202, 0.3364

Square

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



46.0114, 0.3088, 0.3212



46.0114, 0.3209, 0.3300



46.0114, 0.3166, 0.3370



46.0114, 0.3047, 0.3279

Rectangle

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



46.0114, 0.3088, 0.3212



46.0114, 0.3164, 0.3248



46.0114, 0.3166, 0.3370



46.0114, 0.3090, 0.3333

Sweetspot

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



46.0134, 0.3088, 0.3212



87.2077, 0.3115, 0.3266



47.9896, 0.3078, 0.3278



19.2246, 0.3116, 0.3267



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.



46.0134, 0.3088, 0.3212



81.9669, 0.3077, 0.3191



46.3711, 0.3113, 0.3213



9.6918, 0.3070, 0.3176



2.5915, 0.1576, 0.0642



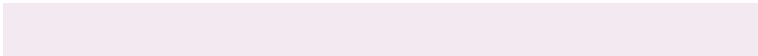
0.1131, 0.1790, 0.0760

Inverse Universe

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



46.5908, 0.3138, 0.3225



83.2831, 0.3141, 0.3208



48.3707, 0.3141, 0.3368



9.8719, 0.3144, 0.3196



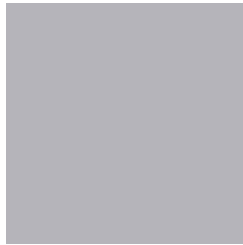
8.6502, 0.3655, 0.1787



0.3117, 0.3523, 0.1714

Previews

White Background



This preview shows how the Yxy color 46.0114, 0.3088, 0.3212 looks on a white background.

Color Contrast Check

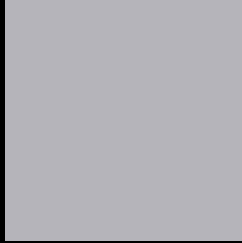
Large Text (above 18pt) WCAG AA × Fail

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 46.0114, 0.3088, 0.3212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

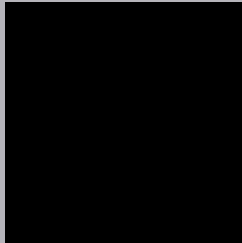
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

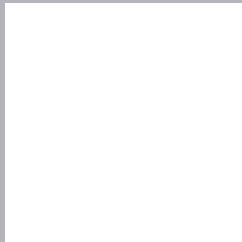
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.0114, 0.3088, 0.3212

Background



This preview shows how black text looks on a background with the Yxy color 46.0114, 0.3088, 0.3212.

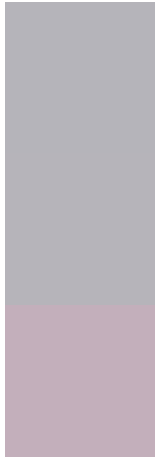


This preview shows how white text looks on a background with the Yxy color 46.0114, 0.3088, 0.3212.

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

46.0114, 0.3088, 0.3212

Protanopia

46.1328, 0.3097, 0.3212

Deuteranopia

45.8499, 0.3205, 0.3139



Tritanopia

46.0355, 0.3042, 0.3110

Trichromacy



Original Color

46.0114, 0.3088, 0.3212

Protanomaly

46.1328, 0.3097, 0.3212

Deuteranomaly

45.9793, 0.3159, 0.3163

Tritanomaly

45.9030, 0.3066, 0.3148

Monochromacy



Original Color

46.0114, 0.3088, 0.3212

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.2904, 0.3111, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.0114, 0.3088, 0.3212 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(181, 180, 186)` looks like.

```
.text, #text, p{  
    color:rgb(181, 180, 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(181, 180, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 180, 186) }
```

Border

The CSS property to change the border of an element to Yxy 46.0114, 0.3088, 0.3212 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(181, 180, 186) }
```

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

```
.border{ border-color:rgb(181, 180, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 180, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 180, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 180, 186);  
box-shadow:4px 4px 4px 4px rgb(181, 180,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 46.0114, 0.3088, 0.3212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 180, 186) }
```

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

```
.background{ background-color: rgb(181,  
180, 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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