

Converting Colors

$Yxy(47.5015, 0.2947, 0.2986)$

Have a look what the booklet for
Yxy(47.5015, 0.2947, 0.2986)
contains.

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Color

Yxy(47.4006, 0.2952, 0.2987)

Conversions

Conversions Part 1

Format	Color
Hex	B6B5CD
RGB	182, 181, 205
RGB Percent	71%, 71%, 80%
CMY	0.2861, 0.2902, 0.1960
CMYK	0.11, 0.12, 0.00, 0.20
HSL	243°, 19%, 76%
HSV	243°, 12%, 80%
XYZ	46.8452, 47.4006, 64.4439
YIQ	184.0350, -7.1080, 7.6760

Conversions

Conversions Part 2

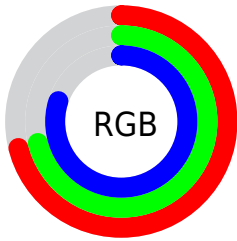
Format	Color
RYB	182, 181, 205
Decimal	11974093
CIELab	74.45, 5.10, -11.98
CIELCh	74, 13.022, 293.070
Yxy	47.4006, 0.2952, 0.2987
Android (android.graphics.Color)	4290164173 (0xFFB6B5CD)
YUV	184.0350, 10.3357, -1.7847
Hunter-Lab	68.8481, 0.9697, -7.3035

Details

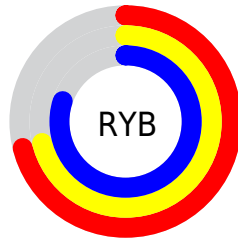
The Yxy color $47.4006, 0.2952, 0.2987$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $59.8325, 0.3292, 0.3577$, and the grayscale version is $47.9031, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.9655, 0.3025, 0.3111$, and $22.3398, 0.2900, 0.2897$ is the 20% darker color. If you saturate the color by 10%, you get $37.4491, 0.2781, 0.2693$, and if you desaturate by 10%, it is $58.9164, 0.3103, 0.3248$.

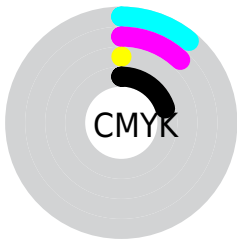
Distribution



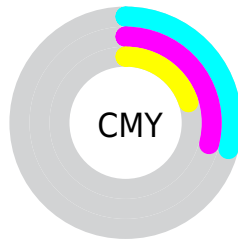
- Red (71%)
- Green (71%)
- Blue (80%)



- Red (71%)
- Yellow (71%)
- Blue (80%)



- Cyan (11%)
- Magenta (12%)
- Yellow (0%)
- Black (20%)



- Cyan (29%)
- Magenta (29%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.4006, 0.2952, 0.2987 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 47.4006, 0.2952, 0.2987 by changing the saturation by 10% instead.

■ 47.4006, 0.2952,
0.2987

■ 47.4006, 0.2952,
0.2987

376.4113, 0.3040,
0.3136

■ 33.3525, 0.2930,
0.2951

■ 86.3113, 0.2984,
0.3041

■ 22.3966, 0.2902,
0.2904

111.9426, 0.2996,
0.3061

■ 14.1486, 0.2865,
0.2844

142.2038, 0.3006,
0.3078

■ 8.2241, 0.2813,
0.2760

177.4792, 0.3015,
0.3093

■ 4.2387, 0.2736,
0.2640

218.1533, 0.3022,
0.3106

■ 1.8079, 0.2610,
0.2449

264.6104, 0.3029,

■ 0.4921, 0.2352,

0.3117

0.1954

317.2349, 0.3035,
0.3127

0.0000, 0.0000,
0.0000

47.4006, 0.2952,
0.2987

47.4006, 0.2952,
0.2987

37.4491, 0.2781,
0.2693

58.9164, 0.3103,
0.3248

28.9888, 0.2591,
0.2369

72.0537, 0.3235,
0.3477

21.9498, 0.2386,
0.2024

86.8740, 0.3348,
0.3675

16.2539, 0.2177,
0.1672

97.1883, 0.3424,
0.3780

11.8158, 0.1974,
0.1337

■ 8.5401, 0.1793,
0.1043

■ 6.3179, 0.1651,
0.0816

■ 5.0197, 0.1555,
0.0671

■ 4.4672, 0.1512,
0.0607

Harmonies

Analogous

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



47.4006, 0.2827, 0.3011



47.4006, 0.2952, 0.2987



47.4006, 0.3127, 0.3040

Triad

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



47.4006, 0.2952, 0.2987



47.4006, 0.3486, 0.3456



47.4006, 0.2947, 0.3430

Complementary

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



47.4006, 0.2952, 0.2987



59.8325, 0.3292, 0.3577

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.



47.4006, 0.3119, 0.3560



47.4006, 0.2952, 0.2987



47.4006, 0.3433, 0.3569

Square

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



47.4006, 0.2952, 0.2987



47.4006, 0.3439, 0.3304



47.4006, 0.3298, 0.3610



47.4006, 0.2824, 0.3263

Rectangle

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



47.4006, 0.2952, 0.2987



47.4006, 0.3249, 0.3111



47.4006, 0.3298, 0.3610



47.4006, 0.3001, 0.3480

Sweetspot

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



47.4026, 0.2952, 0.2987



91.8621, 0.3070, 0.3190



57.5160, 0.2949, 0.3280



19.3451, 0.3059, 0.3171



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.



47.4026, 0.2952, 0.2987



73.3945, 0.2912, 0.2918



48.8935, 0.3047, 0.2996



10.8674, 0.2989, 0.3051



2.7916, 0.1516, 0.0609



0.1525, 0.1568, 0.0638

Inverse Universe

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



50.3798, 0.3149, 0.3016



79.1978, 0.3154, 0.2958



58.2357, 0.3199, 0.3586



11.3948, 0.3144, 0.3072



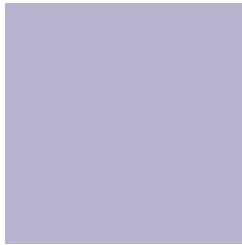
10.5614, 0.3323, 0.1604



0.5476, 0.3299, 0.1591

Previews

White Background



This preview shows how the Yxy color 47.4006, 0.2952, 0.2987 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 47.4006, 0.2952, 0.2987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

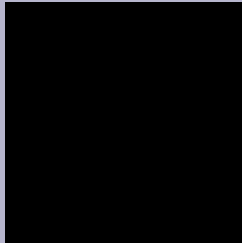
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

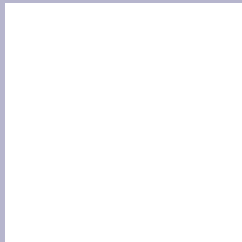
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.4006, 0.2952, 0.2987

Background



This preview shows how black text looks on a background with the Yxy color 47.4006, 0.2952, 0.2987.

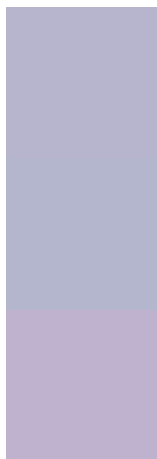


This preview shows how white text looks on a background with the Yxy color 47.4006, 0.2952, 0.2987.

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

47.4006, 0.2952, 0.2987

Protanopia

47.5670, 0.2936, 0.2999

Deuteranopia

47.2442, 0.3009, 0.2943



Tritanopia

47.3109, 0.3003, 0.3098

Trichromacy



Original Color

47.4006, 0.2952, 0.2987

Protanomaly

47.6874, 0.2944, 0.2999

Deuteranomaly

47.2612, 0.2984, 0.2954

Tritanomaly

47.4498, 0.2981, 0.3061

Monochromacy



Original Color

47.4006, 0.2952, 0.2987

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.7400, 0.3057, 0.3175

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.4006, 0.2952, 0.2987 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, 181, 205)` looks like.

```
.text, #text, p{  
    color:rgb(182, 181, 205)  
}
```

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, 181, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 181, 205) }
```

Border

The CSS property to change the border of an element to Yxy 47.4006, 0.2952, 0.2987 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, 181, 205) }
```

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

```
.border{ border-color:rgb(182, 181, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 181, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 181, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 181, 205); box-shadow:4px 4px 4px 4px rgb(182, 181, 205) }
```


Background

The CSS property to change the background color of an element to Yxy 47.4006, 0.2952, 0.2987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 181, 205) }
```

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

```
.background{ background-color: rgb(182,  
181, 205) }
```

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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