

Converting Colors

$Yxy(46.5696, 0.2987, 0.2849)$

Have a look what the booklet for
Yxy(46.5696, 0.2987, 0.2849)
contains.

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Color

Yxy(46.5696, 0.2987, 0.2849)

Conversions

Conversions Part 1

Format	Color
Hex	C0AFD3
RGB	192, 175, 211
RGB Percent	75%, 69%, 83%
CMY	0.2471, 0.3137, 0.1724
CMYK	0.09, 0.17, 0.00, 0.17
HSL	268°, 29%, 76%
HSV	268°, 17%, 83%
XYZ	48.8253, 46.5696, 68.0645
YIQ	184.1870, -1.4240, 14.8000

Conversions

Conversions Part 2

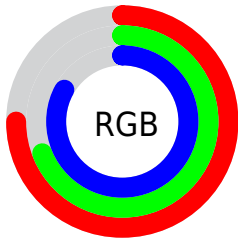
Format	Color
R_{YB}	192, 175, 211
Decimal	12627923
CIE _{Lab}	73.91, 12.88, -15.98
CIE _{LCh}	74, 20.530, 308.867
Yxy	46.5696, 0.2987, 0.2849
Android (android.graphics.Color)	4290818003 (0xFFC0AFD3)
YUV	184.1870, 13.2188, 6.8520
Hunter-Lab	68.2419, 8.2888, -11.3665

Details

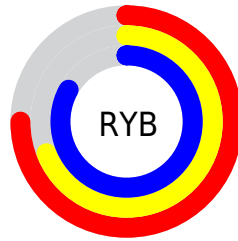
The Yxy color $46.5696, 0.2987, 0.2849$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $61.1777, 0.3249, 0.3729$, and the grayscale version is $47.9682, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.5116, 0.3098, 0.3055$, and $21.9695, 0.2946, 0.2747$ is the 20% darker color. If you saturate the color by 10%, you get $37.5864, 0.2887, 0.2564$, and if you desaturate by 10%, it is $56.9510, 0.3074, 0.3115$.

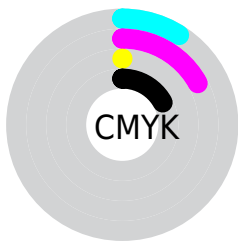
Distribution



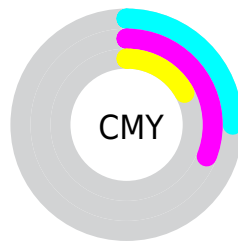
- Red (75%)
- Green (69%)
- Blue (83%)



- Red (75%)
- Yellow (69%)
- Blue (83%)



- Cyan (9%)
- Magenta (17%)
- Yellow (0%)
- Black (17%)



- Cyan (25%)
- Magenta (31%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.5696, 0.2987, 0.2849 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 46.5696, 0.2987, 0.2849 by changing the saturation by 10% instead.

■ 46.5696, 0.2987,
0.2849

■ 46.5696, 0.2987,
0.2849

373.0939, 0.3059,
0.3063

■ 32.6955, 0.2969,
0.2798

■ 85.0708, 0.3014,
0.2925

■ 21.8933, 0.2945,
0.2733

110.4668, 0.3023,
0.2954

■ 13.7785, 0.2913,
0.2648

140.4721, 0.3032,
0.2979

■ 7.9668, 0.2867,
0.2534

175.4713, 0.3039,
0.3001

■ 4.0737, 0.2799,
0.2371

215.8486, 0.3045,
0.3019

■ 1.7149, 0.2684,
0.2122

261.9886, 0.3050,

■ 0.4333, 0.2510,

0.3036

0.1497

314.2756, 0.3055,
0.3050

0.0000, 0.0000,
0.0000

46.5696, 0.2987,
0.2849

46.5696, 0.2987,
0.2849

37.5864, 0.2887,
0.2564

56.9510, 0.3074,
0.3115

29.9335, 0.2774,
0.2267

68.7825, 0.3148,
0.3359

23.5463, 0.2648,
0.1966

82.1208, 0.3210,
0.3580

18.3521, 0.2514,
0.1674

94.1645, 0.3267,
0.3737

14.2708, 0.2374,
0.1406

96.1418, 0.3340,
0.3727

■ 11.2118, 0.2237,
0.1178

■ 97.4848, 0.3387,
0.3720

■ 9.0695, 0.2107,
0.1002

■ 7.7046, 0.1991,
0.0882

■ 7.3816, 0.1960,
0.0853

Harmonies

Analogous

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



46.5696, 0.2745, 0.2818



46.5696, 0.2987, 0.2849



46.5696, 0.3278, 0.2984

Triad

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



46.5696, 0.2987, 0.2849



46.5696, 0.3673, 0.3651



46.5696, 0.2727, 0.3372

Complementary

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



46.5696, 0.2987, 0.2849



61.1777, 0.3249, 0.3729

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.



46.5696, 0.2962, 0.3628



46.5696, 0.2987, 0.2849



46.5696, 0.3510, 0.3785

Square

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



46.5696, 0.2987, 0.2849



46.5696, 0.3684, 0.3434



46.5696, 0.3248, 0.3782



46.5696, 0.2600, 0.3105

Rectangle

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



46.5696, 0.2987, 0.2849



46.5696, 0.3460, 0.3118



46.5696, 0.3248, 0.3782



46.5696, 0.2796, 0.3463

Sweetspot

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



46.5716, 0.2987, 0.2849



90.8767, 0.3090, 0.3166



52.5017, 0.2861, 0.3079



19.1868, 0.3084, 0.3148



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.



46.5716, 0.2987, 0.2849



66.9043, 0.2957, 0.2761



49.0447, 0.3137, 0.2869



11.6868, 0.3055, 0.3055



4.5132, 0.1975, 0.0862



0.2994, 0.2181, 0.0975

Inverse Universe

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



48.4143, 0.3287, 0.3063



70.2137, 0.3322, 0.3020



58.9548, 0.3114, 0.3748



11.9112, 0.3209, 0.3168



9.0792, 0.4823, 0.2431



0.5236, 0.4448, 0.2224

Previews

White Background



This preview shows how the Yxy color 46.5696, 0.2987, 0.2849 looks on a white background.

Color Contrast Check

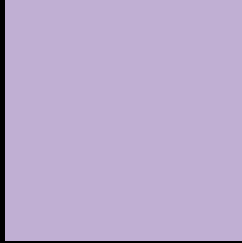
Large Text (above 18pt) WCAG AA × Fail

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 46.5696, 0.2987, 0.2849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

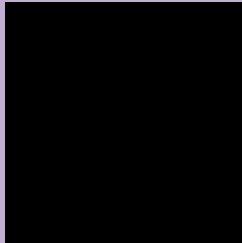
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.5696, 0.2987, 0.2849

Background



This preview shows how black text looks on a background with the Yxy color 46.5696, 0.2987, 0.2849.



This preview shows how white text looks on a background with the Yxy color 46.5696, 0.2987, 0.2849.

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

46.5696, 0.2987, 0.2849

Protanopia

46.6115, 0.2832, 0.2861

Deuteranopia

46.5865, 0.2939, 0.2868



Tritanopia

46.4654, 0.3110, 0.3113

Trichromacy



Original Color

46.5696, 0.2987, 0.2849

Protanomaly

46.4686, 0.2884, 0.2853

Deuteranomaly

46.4452, 0.2955, 0.2858

Tritanomaly

46.5150, 0.3063, 0.3015

Monochromacy



Original Color

46.5696, 0.2987, 0.2849

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.5076, 0.3076, 0.3125

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.5696, 0.2987, 0.2849 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(192, 175, 211)` looks like.

```
.text, #text, p{  
    color:rgb(192, 175, 211)  
}
```

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(192, 175, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 175, 211) }
```

Border

The CSS property to change the border of an element to Yxy 46.5696, 0.2987, 0.2849 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(192, 175, 211) }
```

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

```
.border{ border-color:rgb(192, 175, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 175, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 175, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 175, 211);  
box-shadow:4px 4px 4px 4px rgb(192, 175,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 46.5696, 0.2987, 0.2849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 175, 211) }
```

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

```
.background{ background-color: rgb(192,  
175, 211) }
```

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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