

Converting Colors

$Y_{xy}(44.0496, 0.2815, 0.2671)$

Have a look what the booklet for
Yxy(44.0496, 0.2815, 0.2671)
contains.

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Color

Yxy(44.0496, 0.2815, 0.2671)

Conversions

Conversions Part 1

Format	Color
Hex	B4ABDD
RGB	180, 171, 221
RGB Percent	71%, 67%, 87%
CMY	0.2943, 0.3293, 0.1334
CMYK	0.19, 0.23, 0.00, 0.13
HSL	251°, 42%, 77%
HSV	251°, 23%, 87%
XYZ	46.4244, 44.0496, 74.4440
YIQ	179.3910, -10.6860, 17.4580

Conversions

Conversions Part 2

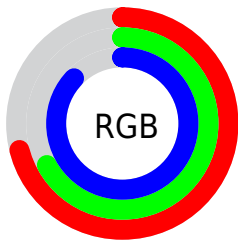
Format	Color
R _Y B	180, 171, 221
Decimal	11840477
CIE Lab	72.26, 13.33, -24.02
CIE LCh	72, 27.468, 299.029
Yxy	44.0496, 0.2815, 0.2671
Android (android.graphics.Color)	4290030557 (0xFFB4ABDD)
YUV	179.3910, 20.5132, 0.5341
Hunter-Lab	66.3699, 8.7100, -20.0439

Details

The Yxy color **44.0496, 0.2815, 0.2671** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **68.6455, 0.3399, 0.3865**, and the grayscale version is **45.1887, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.4456, 0.3013, 0.2998**, and **20.4589, 0.2726, 0.2509** is the 20% darker color. If you saturate the color by 10%, you get **34.3513, 0.2647, 0.2353**, and if you desaturate by 10%, it is **55.4322, 0.2965, 0.2963**.

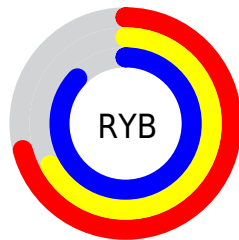
Distribution



Red (71%)

Green (67%)

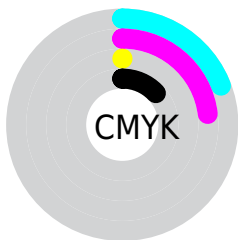
Blue (87%)



Red (71%)

Yellow (67%)

Blue (87%)

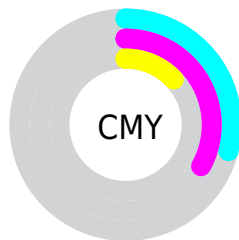


Cyan (19%)

Magenta (23%)

Yellow (0%)

Black (13%)



Cyan (29%)

Magenta (33%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.0496, 0.2815, 0.2671 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 44.0496, 0.2815, 0.2671 by changing the saturation by 10% instead.

■ 44.0496, 0.2815,
0.2671

■ 44.0496, 0.2815,
0.2671

362.9106, 0.2974,
0.2971

■ 30.7095, 0.2775,
0.2599

■ 81.2924, 0.2873,
0.2778

■ 20.3777, 0.2723,
0.2509

105.9638, 0.2895,
0.2819

■ 12.6699, 0.2655,
0.2392

135.1812, 0.2913,
0.2854

■ 7.2017, 0.2559,
0.2235

169.3289, 0.2929,
0.2884

■ 3.5885, 0.2418,
0.2015

208.7913, 0.2942,
0.2910

■ 1.4462, 0.2192,
0.1689

253.9528, 0.2954,

■ 0.2504, 0.1794,

0.2933

0.0797

305.1978, 0.2965,
0.2953

0.0000, 0.0000,
0.0000

44.0496, 0.2815,
0.2671

44.0496, 0.2815,
0.2671

34.3513, 0.2647,
0.2353

55.4322, 0.2965,
0.2963

26.2517, 0.2464,
0.2018

68.5687, 0.3096,
0.3226

19.6655, 0.2273,
0.1680

83.5311, 0.3209,
0.3460

14.4974, 0.2082,
0.1358

97.5369, 0.3312,
0.3623

10.6412, 0.1904,
0.1076

97.9991, 0.3328,
0.3621

■ 7.9752, 0.1751,
0.0854

■ 6.3541, 0.1635,
0.0707

■ 5.6599, 0.1574,
0.0641

Harmonies

Analogous

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



44.0496, 0.2533, 0.2675



44.0496, 0.2815, 0.2671



44.0496, 0.3198, 0.2809

Triad

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



44.0496, 0.2815, 0.2671



44.0496, 0.3902, 0.3679



44.0496, 0.2675, 0.3524

Complementary

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



44.0496, 0.2815, 0.2671



68.6455, 0.3399, 0.3865

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.



44.0496, 0.3021, 0.3850



44.0496, 0.2815, 0.2671



44.0496, 0.3736, 0.3917

Square

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



44.0496, 0.2815, 0.2671



44.0496, 0.3847, 0.3368



44.0496, 0.3410, 0.3993



44.0496, 0.2456, 0.3142

Rectangle

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



44.0496, 0.2815, 0.2671



44.0496, 0.3461, 0.2965



44.0496, 0.3410, 0.3993



44.0496, 0.2779, 0.3646

Sweetspot

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



44.0514, 0.2815, 0.2671



86.4599, 0.3040, 0.3113



61.2924, 0.2786, 0.3188



18.2686, 0.3032, 0.3097



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.



44.0514, 0.2815, 0.2671



54.4682, 0.2740, 0.2527



47.2376, 0.3013, 0.2706



12.7285, 0.3008, 0.3050



3.3236, 0.1584, 0.0646



0.2494, 0.1729, 0.0726

Inverse Universe

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



49.2594, 0.3227, 0.2825



62.8940, 0.3251, 0.2727



65.2910, 0.3216, 0.3899



13.2328, 0.3165, 0.3100



10.8956, 0.3717, 0.1821



0.7165, 0.3620, 0.1768

Previews

White Background



This preview shows how the Yxy color 44.0496, 0.2815, 0.2671 looks on a white background.

Color Contrast Check

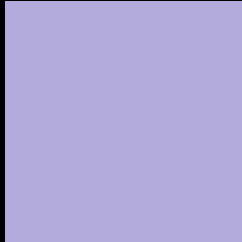
Large Text (above 18pt) WCAG AA × Fail

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 44.0496, 0.2815, 0.2671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

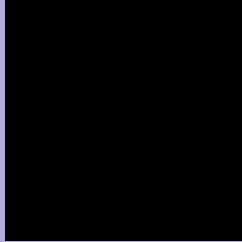
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.0496, 0.2815, 0.2671

Background



This preview shows how black text looks on a background with the Yxy color 44.0496, 0.2815, 0.2671.



This preview shows how white text looks on a background with the Yxy color 44.0496, 0.2815, 0.2671.

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

44.0496, 0.2815, 0.2671

Protanopia

44.0411, 0.2684, 0.2669

Deuteranopia

44.2101, 0.2762, 0.2710



Tritanopia

44.3198, 0.2999, 0.3106

Trichromacy



Original Color

44.0496, 0.2815, 0.2671

Protanomaly

44.1459, 0.2727, 0.2673

Deuteranomaly

44.1684, 0.2785, 0.2701

Tritanomaly

44.2713, 0.2932, 0.2942

Monochromacy



Original Color

44.0496, 0.2815, 0.2671

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.5294, 0.3010, 0.3056

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0496, 0.2815, 0.2671 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(180, 171, 221)` looks like.

```
.text, #text, p{  
    color:rgb(180, 171, 221)  
}
```

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(180, 171, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 171, 221) }
```

Border

The CSS property to change the border of an element to Yxy 44.0496, 0.2815, 0.2671 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(180, 171, 221) }
```

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

```
.border{ border-color:rgb(180, 171, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 171, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 171, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 171, 221);  
box-shadow:4px 4px 4px 4px rgb(180, 171,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0496, 0.2815, 0.2671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 171, 221) }
```

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

```
.background{ background-color: rgb(180,  
171, 221) }
```

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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