

Converting Colors

$Yxy(44.3627, 0.2930, 0.2996)$

Have a look what the booklet for
Yxy(44.3627, 0.2930, 0.2996)
contains.

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Color

Yxy(44.1729, 0.2930, 0.2990)

Conversions

Conversions Part 1

Format	Color
Hex	AEB0C7
RGB	174, 176, 199
RGB Percent	68%, 69%, 78%
CMY	0.3177, 0.3098, 0.2196
CMYK	0.13, 0.12, 0.00, 0.22
HSL	235°, 18%, 73%
HSV	235°, 13%, 78%
XYZ	43.2865, 44.1729, 60.2761
YIQ	178.0240, -8.5750, 6.7290

Conversions

Conversions Part 2

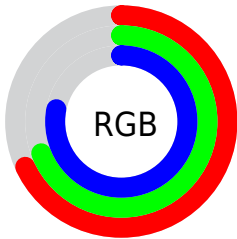
Format	Color
RYB	174, 176, 199
Decimal	11448519
CIELab	72.34, 3.89, -11.90
CIELCh	72, 12.523, 288.119
Yxy	44.1729, 0.2930, 0.2990
Android (android.graphics.Color)	4289638599 (0xFFAEB0C7)
YUV	178.0240, 10.3412, -3.5290
Hunter-Lab	66.4627, -0.0545, -7.2471

Details

The Yxy color $44.1729, 0.2930, 0.2990$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $55.1173, 0.3316, 0.3573$, and the grayscale version is $44.4816, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.7562, 0.2974, 0.3056$, and $20.5246, 0.2869, 0.2915$ is the 20% darker color. If you saturate the color by 10%, you get $35.3606, 0.2753, 0.2717$, and if you desaturate by 10%, it is $54.2937, 0.3089, 0.3233$.

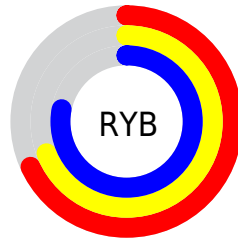
Distribution



Red (68%)

Green (69%)

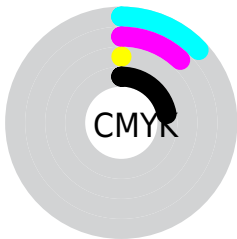
Blue (78%)



Red (68%)

Yellow (69%)

Blue (78%)

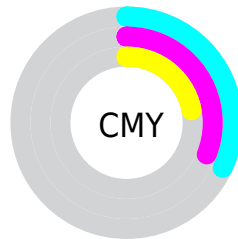


Cyan (13%)

Magenta (12%)

Yellow (0%)

Black (22%)



Cyan (32%)

Magenta (31%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.1729, 0.2930, 0.2990 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 44.1729, 0.2930, 0.2990 by changing the saturation by 10% instead.

■ 44.1729, 0.2930,
0.2990

■ 44.1729, 0.2930,
0.2990

363.4134, 0.3030,
0.3140

■ 30.8065, 0.2905,
0.2953

■ 81.4779, 0.2966,
0.3044

■ 20.4515, 0.2872,
0.2905

106.1852, 0.2980,
0.3065

■ 12.7237, 0.2829,
0.2842

135.4415, 0.2991,
0.3082

■ 7.2385, 0.2768,
0.2755

169.6314, 0.3001,
0.3097

■ 3.6117, 0.2676,
0.2626

209.1391, 0.3010,
0.3109

■ 1.4588, 0.2524,
0.2416

254.3491, 0.3017,

■ 0.2595, 0.1982,

0.3121

0.1505

305.6457, 0.3024,
0.3131

0.0000, 0.0000,
0.0000

44.1729, 0.2930,
0.2990

44.1729, 0.2930,
0.2990

35.3606, 0.2753,
0.2717

54.2937, 0.3089,
0.3233

27.7980, 0.2560,
0.2415

65.7675, 0.3230,
0.3445

21.4301, 0.2356,
0.2091

78.6437, 0.3354,
0.3629

16.1956, 0.2150,
0.1758

92.9674, 0.3462,
0.3788

12.0280, 0.1953,
0.1434

96.9035, 0.3460,
0.3840

■ 8.8534, 0.1780,
0.1140

■ 6.5886, 0.1644,
0.0899

■ 5.1369, 0.1554,
0.0728

■ 4.4975, 0.1514,
0.0649

Harmonies

Analogous

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



44.1729, 0.2818, 0.3026



44.1729, 0.2930, 0.2990



44.1729, 0.3097, 0.3030

Triad

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



44.1729, 0.2930, 0.2990



44.1729, 0.3480, 0.3430



44.1729, 0.2975, 0.3453

Complementary

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



44.1729, 0.2930, 0.2990



55.1173, 0.3316, 0.3573

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.



44.1729, 0.3149, 0.3569



44.1729, 0.2930, 0.2990



44.1729, 0.3444, 0.3551

Square

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



44.1729, 0.2930, 0.2990



44.1729, 0.3418, 0.3279



44.1729, 0.3322, 0.3604



44.1729, 0.2844, 0.3291

Rectangle

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



44.1729, 0.2930, 0.2990



44.1729, 0.3218, 0.3094



44.1729, 0.3322, 0.3604



44.1729, 0.3031, 0.3499

Sweetspot

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



44.1747, 0.2930, 0.2990



92.2808, 0.3067, 0.3198



53.8703, 0.2951, 0.3316



19.4505, 0.3055, 0.3181



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.



44.1747, 0.2930, 0.2990



73.0401, 0.2885, 0.2921



44.6299, 0.3017, 0.2971



10.4232, 0.2983, 0.3071



2.9450, 0.1517, 0.0659



0.1883, 0.1572, 0.0857

Inverse Universe

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



45.5427, 0.3335, 0.3265



75.9162, 0.3387, 0.3260



54.6662, 0.3228, 0.3606



10.6506, 0.3277, 0.3272



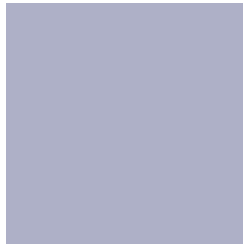
7.8373, 0.6301, 0.3245



0.3760, 0.5979, 0.3067

Previews

White Background



This preview shows how the Yxy color 44.1729, 0.2930, 0.2990 looks on a white background.

Color Contrast Check

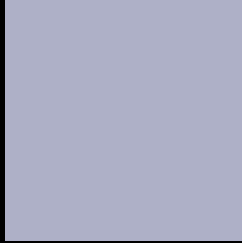
Large Text (above 18pt) WCAG AA × Fail

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 44.1729, 0.2930, 0.2990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

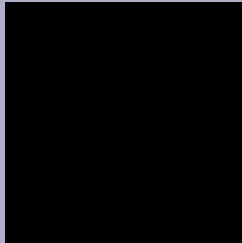
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.1729, 0.2930, 0.2990

Background



This preview shows how black text looks on a background with the Yxy color 44.1729, 0.2930, 0.2990.



This preview shows how white text looks on a background with the Yxy color 44.1729, 0.2930, 0.2990.

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

44.1729, 0.2930, 0.2990

Protanopia

44.1729, 0.2930, 0.2990

Deuteranopia

44.2476, 0.3005, 0.2946



Tritanopia

44.0901, 0.2983, 0.3105

Trichromacy



Original Color

44.1729, 0.2930, 0.2990

Protanomaly

44.1729, 0.2930, 0.2990

Deuteranomaly

44.1455, 0.2972, 0.2956

Tritanomaly

44.2236, 0.2960, 0.3066

Monochromacy



Original Color

44.1729, 0.2930, 0.2990

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.3366, 0.3055, 0.3171

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1729, 0.2930, 0.2990 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(174, 176, 199)` looks like.

```
.text, #text, p{  
    color:rgb(174, 176, 199)  
}
```

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(174, 176, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 176, 199) }
```

Border

The CSS property to change the border of an element to Yxy 44.1729, 0.2930, 0.2990 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(174, 176, 199) }
```

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

```
.border{ border-color:rgb(174, 176, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 176, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 176, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 176, 199);  
box-shadow:4px 4px 4px 4px rgb(174, 176,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1729, 0.2930, 0.2990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 176, 199) }
```

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

```
.background{ background-color: rgb(174,  
176, 199) }
```

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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