

Converting Colors

$Y_{xy}(44.7753, 0.2924, 0.2979)$

Have a look what the booklet for
Yxy(44.7753, 0.2924, 0.2979)
contains.

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Color

Yxy(44.7753, 0.2924, 0.2979)

Conversions

Conversions Part 1

Format	Color
Hex	AFB1C9
RGB	175, 177, 201
RGB Percent	69%, 69%, 79%
CMY	0.3136, 0.3059, 0.2118
CMYK	0.13, 0.12, 0.00, 0.21
HSL	235°, 19%, 74%
HSV	235°, 13%, 79%
XYZ	43.9486, 44.7753, 61.5792
YIQ	179.1380, -8.8960, 7.0400

Conversions

Conversions Part 2

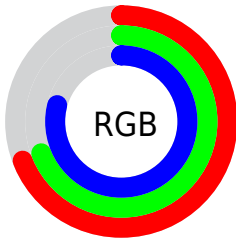
Format	Color
R_{YB}	175, 177, 201
Decimal	11514313
CIE _{Lab}	72.74, 4.12, -12.39
CIE _{LCh}	73, 13.056, 288.409
Yxy	44.7753, 0.2924, 0.2979
Android (android.graphics.Color)	4289704393 (0xFFAFB1C9)
YUV	179.1380, 10.7780, -3.6290
Hunter-Lab	66.9143, 0.1368, -7.7227

Details

The Yxy color `44.7753, 0.2924, 0.2979` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `56.3745, 0.3321, 0.3583`, and the grayscale version is `45.1049, 0.3127, 0.3290`.

A 20% lighter version of the original color is `82.4868, 0.2980, 0.3067`, and `20.9114, 0.2861, 0.2901` is the 20% darker color. If you saturate the color by 10%, you get `35.7742, 0.2746, 0.2703`, and if you desaturate by 10%, it is `55.1257, 0.3084, 0.3224`.

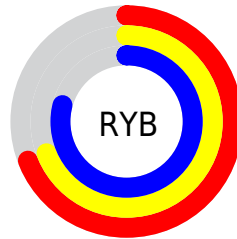
Distribution



Red (69%)

Green (69%)

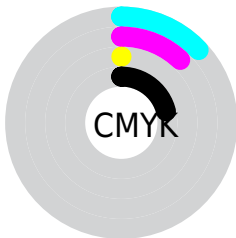
Blue (79%)



Red (69%)

Yellow (69%)

Blue (79%)

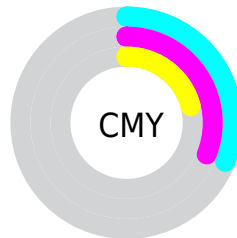


Cyan (13%)

Magenta (12%)

Yellow (0%)

Black (21%)



Cyan (31%)

Magenta (31%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.7753, 0.2924, 0.2979 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 44.7753, 0.2924, 0.2979 by changing the saturation by 10% instead.

■ 44.7753, 0.2924,
0.2979

■ 44.7753, 0.2924,
0.2979

365.8628, 0.3026,
0.3134

■ 31.2805, 0.2898,
0.2941

■ 82.3831, 0.2961,
0.3035

■ 20.8125, 0.2865,
0.2892

107.2649, 0.2975,
0.3056

■ 12.9870, 0.2821,
0.2827

136.7111, 0.2987,
0.3074

■ 7.4196, 0.2759,
0.2738

171.1062, 0.2997,
0.3089

■ 3.7259, 0.2665,
0.2607

210.8345, 0.3006,
0.3102

■ 1.5214, 0.2511,
0.2395

256.2804, 0.3014,

■ 0.3037, 0.2039,

0.3114

0.1591

307.8284, 0.3020,
0.3124

0.0000, 0.0000,
0.0000

44.7753, 0.2924,
0.2979

44.7753, 0.2924,
0.2979

35.7742, 0.2746,
0.2703

55.1257, 0.3084,
0.3224

28.0615, 0.2552,
0.2398

66.8720, 0.3226,
0.3439

21.5799, 0.2347,
0.2072

80.0655, 0.3350,
0.3625

16.2655, 0.2140,
0.1737

94.6710, 0.3455,
0.3786

12.0487, 0.1943,
0.1412

96.9967, 0.3448,
0.3820

■ 8.8525, 0.1771,
0.1119

■ 6.5899, 0.1637,
0.0882

■ 5.1591, 0.1549,
0.0717

■ 4.5635, 0.1512,
0.0644

Harmonies

Analogous

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



44.7753, 0.2807, 0.3015



44.7753, 0.2924, 0.2979



44.7753, 0.3097, 0.3021

Triad

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



44.7753, 0.2924, 0.2979



44.7753, 0.3493, 0.3437



44.7753, 0.2968, 0.3458

Complementary

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



44.7753, 0.2924, 0.2979



56.3745, 0.3321, 0.3583

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.



44.7753, 0.3148, 0.3580



44.7753, 0.2924, 0.2979



44.7753, 0.3455, 0.3561

Square

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



44.7753, 0.2924, 0.2979



44.7753, 0.3430, 0.3280



44.7753, 0.3327, 0.3616



44.7753, 0.2832, 0.3289

Rectangle

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



44.7753, 0.2924, 0.2979



44.7753, 0.3223, 0.3088



44.7753, 0.3327, 0.3616



44.7753, 0.3025, 0.3506

Sweetspot

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



44.7772, 0.2924, 0.2979



92.2470, 0.3067, 0.3198



55.0034, 0.2946, 0.3317



19.4420, 0.3055, 0.3180



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.



44.7772, 0.2924, 0.2979



72.9306, 0.2885, 0.2918



45.3106, 0.3013, 0.2962



10.4140, 0.2983, 0.3069



2.9225, 0.1515, 0.0655



0.1841, 0.1567, 0.0841

Inverse Universe

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



46.2641, 0.3343, 0.3266



75.9051, 0.3389, 0.3262



55.8363, 0.3231, 0.3615



10.6497, 0.3278, 0.3273



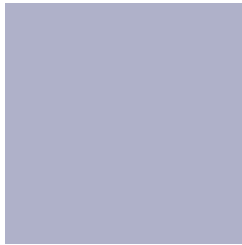
7.8350, 0.6308, 0.3249



0.3756, 0.6005, 0.3082

Previews

White Background



This preview shows how the Yxy color 44.7753, 0.2924, 0.2979 looks on a white background.

Color Contrast Check

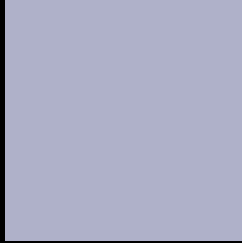
Large Text (above 18pt) WCAG AA × Fail

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 44.7753, 0.2924, 0.2979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

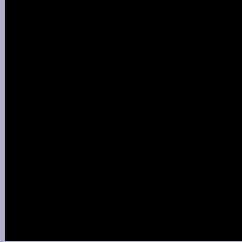
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

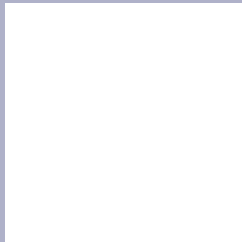
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.7753, 0.2924, 0.2979

Background



This preview shows how black text looks on a background with the Yxy color 44.7753, 0.2924, 0.2979.



This preview shows how white text looks on a background with the Yxy color 44.7753, 0.2924, 0.2979.

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

44.7753, 0.2924, 0.2979

Protanopia

44.7753, 0.2924, 0.2979

Deuteranopia

44.8507, 0.2998, 0.2936



Tritanopia

44.6897, 0.2976, 0.3093

Trichromacy



Original Color

44.7753, 0.2924, 0.2979

Protanomaly

44.7753, 0.2924, 0.2979

Deuteranomaly

44.7480, 0.2965, 0.2945

Tritanomaly

44.8250, 0.2953, 0.3054

Monochromacy



Original Color

44.7753, 0.2924, 0.2979

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.8936, 0.3056, 0.3172

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7753, 0.2924, 0.2979 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(175, 177, 201)` looks like.

```
.text, #text, p{  
    color:rgb(175, 177, 201)  
}
```

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(175, 177, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 177, 201) }
```

Border

The CSS property to change the border of an element to Yxy 44.7753, 0.2924, 0.2979 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(175, 177, 201) }
```

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

```
.border{ border-color:rgb(175, 177, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 177, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 177, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 177, 201);  
box-shadow:4px 4px 4px 4px rgb(175, 177,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7753, 0.2924, 0.2979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 177, 201) }
```

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

```
.background{ background-color: rgb(175,  
177, 201) }
```

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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