

Converting Colors

$Yxy(44.7753, 0.2807, 0.3015)$

Have a look what the booklet for
Yxy(44.7753, 0.2807, 0.3015)
contains.

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Color

Yxy(44.7856, 0.2801, 0.3010)

Conversions

Conversions Part 1

Format	Color
Hex	A0B5CA
RGB	160, 181, 202
RGB Percent	63%, 71%, 79%
CMY	0.3727, 0.2901, 0.2078
CMYK	0.21, 0.10, 0.00, 0.21
HSL	210°, 28%, 71%
HSV	210°, 21%, 79%
XYZ	41.6759, 44.7856, 62.3279
YIQ	177.1150, -19.2570, 2.0790

Conversions

Conversions Part 2

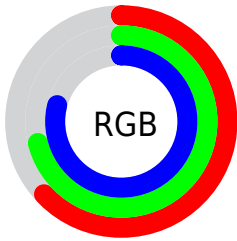
Format	Color
R _Y B	160, 174, 202
Decimal	10532298
CIE Lab	72.75, -2.69, -13.04
CIE LCh	73, 13.318, 258.350
Yxy	44.7856, 0.2801, 0.3010
Android (android.graphics.Color)	4288722378 (0xFFA0B5CA)
YUV	177.1150, 12.2683, -15.0099
Hunter-Lab	66.9220, -5.9522, -8.3743

Details

The Yxy color `44.7856, 0.2801, 0.3010` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `48.1221, 0.3488, 0.3555`, and the grayscale version is `43.9695, 0.3127, 0.3290`.

A 20% lighter version of the original color is `82.2354, 0.2881, 0.3103`, and `20.7646, 0.2710, 0.2924` is the 20% darker color. If you saturate the color by 10%, you get `38.9180, 0.2638, 0.2853`, and if you desaturate by 10%, it is `51.2920, 0.2961, 0.3152`.

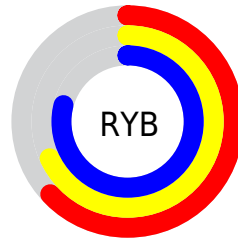
Distribution



Red (63%)

Green (71%)

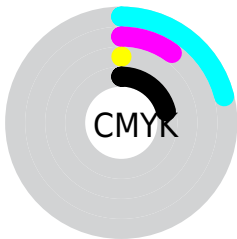
Blue (79%)



Red (63%)

Yellow (68%)

Blue (79%)

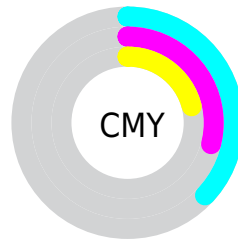


Cyan (21%)

Magenta (10%)

Yellow (0%)

Black (21%)



Cyan (37%)


Magenta (29%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.7856, 0.2801, 0.3010 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 44.7856, 0.2801, 0.3010 by changing the saturation by 10% instead.


 44.7856, 0.2801,
0.3010

 44.7856, 0.2801,
0.3010


365.9045, 0.2964,
0.3151

 31.2886, 0.2761,
0.2975


 82.3986, 0.2860,
0.3061

 20.8187, 0.2709,
0.2929

 107.2834, 0.2882,
0.3081

 12.9915, 0.2640,
0.2868


136.7328, 0.2901,
0.3097

 7.4227, 0.2545,
0.2783

171.1314, 0.2917,
0.3111

 3.7278, 0.2405,
0.2656

210.8634, 0.2931,
0.3123

 1.5225, 0.2179,
0.2448

256.3134, 0.2943,

 0.3045, 0.1243,

0.3133

0.1692

307.8656, 0.2954,
0.3143

0.0000, 0.0000,
0.0000

44.7856, 0.2801,
0.3010

44.7856, 0.2801,
0.3010

38.9180, 0.2638,
0.2853

51.2920, 0.2961,
0.3152

33.6612, 0.2476,
0.2683

58.4531, 0.3115,
0.3280

28.9928, 0.2318,
0.2501

66.2907, 0.3262,
0.3394

24.8870, 0.2170,
0.2310

74.8242, 0.3400,
0.3495

21.3150, 0.2037,
0.2116

82.9233, 0.3487,
0.3587

■ 18.2452, 0.1924,
0.1922

■ 88.7469, 0.3467,
0.3684

■ 15.6406, 0.1834,
0.1734

■ 94.9014, 0.3448,
0.3779

■ 13.6016, 0.1770,
0.1570

■ 97.0445, 0.3442,
0.3810

Harmonies

Analogous

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



44.7856, 0.2768, 0.3124



44.7856, 0.2801, 0.3010



44.7856, 0.2920, 0.2973

Triad

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



44.7856, 0.2801, 0.3010



44.7856, 0.3436, 0.3279



44.7856, 0.3149, 0.3586

Complementary

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



44.7856, 0.2801, 0.3010



48.1221, 0.3488, 0.3555

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.



44.7856, 0.3331, 0.3623



44.7856, 0.2801, 0.3010



44.7856, 0.3501, 0.3439

Square

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



44.7856, 0.2801, 0.3010



44.7856, 0.3286, 0.3127



44.7856, 0.3462, 0.3566



44.7856, 0.2965, 0.3461

Rectangle

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



44.7856, 0.2801, 0.3010



44.7856, 0.3033, 0.2993



44.7856, 0.3462, 0.3566



44.7856, 0.3213, 0.3609

Sweetspot

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



44.7874, 0.2801, 0.3010



92.4356, 0.3035, 0.3215



53.0200, 0.2962, 0.3579



19.6142, 0.3024, 0.3206



0.0000, 0.0000, 0.0000



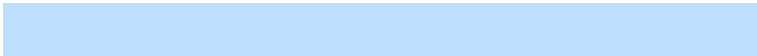
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



44.7874, 0.2801, 0.3010



71.1963, 0.2728, 0.2941



37.1053, 0.2782, 0.2729



11.7566, 0.2983, 0.3171



8.9302, 0.1776, 0.1594



0.6125, 0.1875, 0.1948

Inverse Universe

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



41.0218, 0.3340, 0.3026



63.9678, 0.3397, 0.2966



57.0096, 0.3440, 0.3796



11.3058, 0.3213, 0.3175



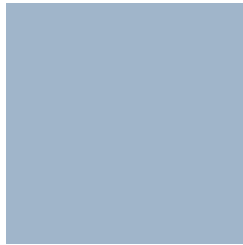
8.7045, 0.4939, 0.2495



0.4644, 0.4512, 0.2259

Previews

White Background



This preview shows how the Yxy color 44.7856, 0.2801, 0.3010 looks on a white background.

Color Contrast Check

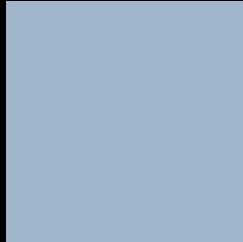
Large Text (above 18pt) WCAG AA × Fail

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 44.7856, 0.2801, 0.3010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

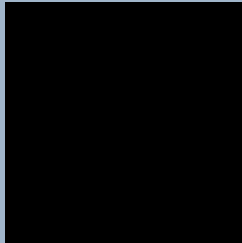
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

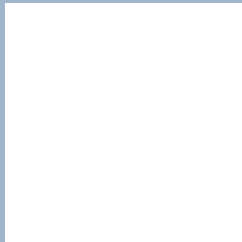
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.7856, 0.2801, 0.3010

Background



This preview shows how black text looks on a background with the Yxy color 44.7856, 0.2801, 0.3010.



This preview shows how white text looks on a background with the Yxy color 44.7856, 0.2801, 0.3010.

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

44.7856, 0.2801, 0.3010

Protanopia

44.6818, 0.2939, 0.3004

Deuteranopia

44.8221, 0.2974, 0.2911



Tritanopia

44.8123, 0.2836, 0.3101

Trichromacy



Original Color

44.7856, 0.2801, 0.3010

Protanomaly

44.5570, 0.2891, 0.3001

Deuteranomaly

44.8700, 0.2909, 0.2954

Tritanomaly

44.9040, 0.2822, 0.3075

Monochromacy



Original Color

44.7856, 0.2801, 0.3010

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.0439, 0.3004, 0.3183

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7856, 0.2801, 0.3010 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(160, 181, 202)` looks like.

```
.text, #text, p{  
    color:rgb(160, 181, 202)  
}
```

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(160, 181, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 181, 202) }
```

Border

The CSS property to change the border of an element to Yxy 44.7856, 0.2801, 0.3010 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(160, 181, 202) }
```

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

```
.border{ border-color:rgb(160, 181, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 181, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 181, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 181, 202);  
box-shadow:4px 4px 4px 4px rgb(160, 181,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7856, 0.2801, 0.3010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 181, 202) }
```

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

```
.background{ background-color: rgb(160,  
181, 202) }
```

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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