

Converting Colors

$Yxy(44.0917, 0.2829, 0.3010)$

Have a look what the booklet for
Yxy(44.0917, 0.2829, 0.3010)
contains.

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Color

Yxy(44.0917, 0.2829, 0.3010)

Conversions

Conversions Part 1

Format	Color
Hex	A2B3C8
RGB	162, 179, 200
RGB Percent	64%, 70%, 78%
CMY	0.3648, 0.2980, 0.2158
CMYK	0.19, 0.10, 0.00, 0.22
HSL	213°, 26%, 71%
HSV	213°, 19%, 78%
XYZ	41.4403, 44.0917, 60.9520
YIQ	176.3110, -16.8730, 2.9270

Conversions

Conversions Part 2

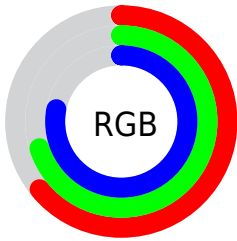
Format	Color
RYB	162, 174, 200
Decimal	10662856
CIELab	72.29, -1.42, -12.61
CIELCh	72, 12.687, 263.572
Yxy	44.0917, 0.2829, 0.3010
Android (android.graphics.Color)	4288852936 (0xFFA2B3C8)
YUV	176.3110, 11.6787, -12.5507
Hunter-Lab	66.4016, -4.8033, -7.9430

Details

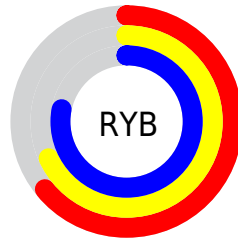
The Yxy color **44.0917, 0.2829, 0.3010** is a light color, and the websafe version is hex **999999**. A complement of this color would be **48.7277, 0.3447, 0.3555**, and the grayscale version is **43.5302, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.3884, 0.2892, 0.3082**, and **20.3120, 0.2745, 0.2923** is the 20% darker color. If you saturate the color by 10%, you get **37.9156, 0.2664, 0.2839**, and if you desaturate by 10%, it is **50.9583, 0.2989, 0.3165**.

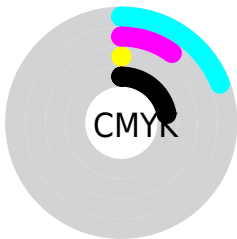
Distribution



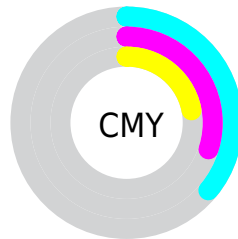
- Red (64%)
- Green (70%)
- Blue (78%)



- Red (64%)
- Yellow (68%)
- Blue (78%)



- Cyan (19%)
- Magenta (10%)
- Yellow (0%)
- Black (22%)




- Cyan (36%)
- Magenta (30%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.0917, 0.2829, 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 44.0917, 0.2829, 0.3010 by changing the saturation by 10% instead.


 44.0917, 0.2829,
0.3010

 44.0917, 0.2829,
0.3010

363.0823, 0.2978,
0.3151

 30.7426, 0.2792,
0.2975


 81.3557, 0.2883,
0.3061

 20.4029, 0.2744,
0.2929


 106.0394, 0.2904,
0.3081

 12.6883, 0.2680,
0.2868


135.2701, 0.2921,
0.3097

 7.2142, 0.2591,
0.2783

169.4322, 0.2936,
0.3111

 3.5964, 0.2460,
0.2656

208.9101, 0.2949,
0.3123

 1.4505, 0.2245,
0.2446

254.0881, 0.2960,

 0.2535, 0.1265,

0.3133

0.1555

305.3508, 0.2970,
0.3143

0.0000, 0.0000,
0.0000

44.0917, 0.2829,
0.3010

44.0917, 0.2829,
0.3010

37.9156, 0.2664,
0.2839

50.9583, 0.2989,
0.3165

32.4007, 0.2496,
0.2652

58.5327, 0.3142,
0.3303

27.5234, 0.2331,
0.2452

66.8382, 0.3286,
0.3426

23.2560, 0.2174,
0.2242

75.8952, 0.3421,
0.3534

19.5689, 0.2030,
0.2027

84.3774, 0.3495,
0.3635

■ 16.4288, 0.1906,
0.1814

■ 90.8635, 0.3473,
0.3740

■ 13.7981, 0.1805,
0.1609

■ 96.9488, 0.3454,
0.3830

■ 11.6198, 0.1730,
0.1419

■ 11.4195, 0.1722,
0.1400

Harmonies

Analogous

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



44.0917, 0.2782, 0.3107



44.0917, 0.2829, 0.3010



44.0917, 0.2955, 0.2988

Triad

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



44.0917, 0.2829, 0.3010



44.0917, 0.3440, 0.3307



44.0917, 0.3116, 0.3557

Complementary

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



44.0917, 0.2829, 0.3010



48.7277, 0.3447, 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.



44.0917, 0.3295, 0.3609



44.0917, 0.2829, 0.3010



44.0917, 0.3485, 0.3458

Square

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



44.0917, 0.2829, 0.3010



44.0917, 0.3309, 0.3157



44.0917, 0.3431, 0.3570



44.0917, 0.2944, 0.3427

Rectangle

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



44.0917, 0.2829, 0.3010



44.0917, 0.3069, 0.3016



44.0917, 0.3431, 0.3570



44.0917, 0.3178, 0.3585

Sweetspot

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



44.0935, 0.2829, 0.3010



91.9443, 0.3035, 0.3207



52.3891, 0.2959, 0.3516



19.4981, 0.3024, 0.3197



0.0000, 0.0000, 0.0000



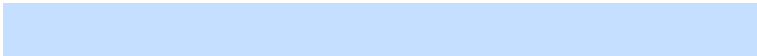
21.4041, 0.3127, 0.3290

Same Dimension

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



44.0935, 0.2829, 0.3010



71.5853, 0.2758, 0.2938



37.8843, 0.2832, 0.2777



11.0572, 0.2983, 0.3159



7.4366, 0.1729, 0.1426



0.4962, 0.1842, 0.1831

Inverse Universe

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



41.3659, 0.3336, 0.3075



66.2062, 0.3395, 0.3024



55.9192, 0.3394, 0.3760



10.7146, 0.3221, 0.3187



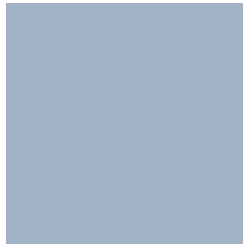
8.2907, 0.5157, 0.2614



0.4071, 0.4649, 0.2334

Previews

White Background



This preview shows how the Yxy color 44.0917, 0.2829, 0.3010 looks on a white background.

Color Contrast Check

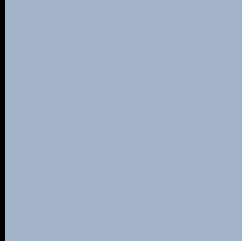
Large Text (above 18pt) WCAG AA × Fail

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 44.0917, 0.2829, 0.3010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

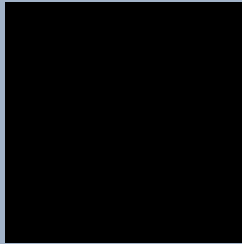
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

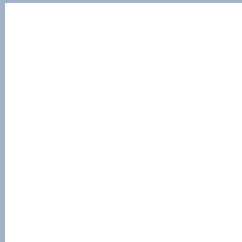
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.0917, 0.2829, 0.3010

Background



This preview shows how black text looks on a background with the Yxy color 44.0917, 0.2829, 0.3010.



This preview shows how white text looks on a background with the Yxy color 44.0917, 0.2829, 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

44.0917, 0.2829, 0.3010

Protanopia

44.1266, 0.2938, 0.3002

Deuteranopia

43.7894, 0.2989, 0.2920



Tritanopia

44.1146, 0.2865, 0.3101

Trichromacy



Original Color

44.0917, 0.2829, 0.3010

Protanomaly

44.1138, 0.2898, 0.3000

Deuteranomaly

43.9910, 0.2923, 0.2952

Tritanomaly

44.2051, 0.2850, 0.3074

Monochromacy



Original Color

44.0917, 0.2829, 0.3010

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.6050, 0.3012, 0.3182

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0917, 0.2829, 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(162, 179, 200)` looks like.

```
.text, #text, p{  
    color:rgb(162, 179, 200)  
}
```

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(162, 179, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 179, 200) }
```

Border

The CSS property to change the border of an element to Yxy 44.0917, 0.2829, 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(162, 179, 200) }
```

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

```
.border{ border-color:rgb(162, 179, 200) }
```

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

Here you see how a box with a 4 pixel rgb(162, 179, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 179, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 179, 200);  
box-shadow:4px 4px 4px 4px rgb(162, 179,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0917, 0.2829, 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(162, 179, 200) }
```

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

```
.background{ background-color: rgb(162,  
179, 200) }
```

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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