

Converting Colors

$Y_{xy}(44.7350, 0.2915, 0.3015)$

Have a look what the booklet for
Yxy(44.7350, 0.2915, 0.3015)
contains.

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Color

Yxy(44.7350, 0.2915, 0.3015)

Conversions

Conversions Part 1

Format	Color
Hex	ACB2C7
RGB	172, 178, 199
RGB Percent	67%, 70%, 78%
CMY	0.3253, 0.3020, 0.2196
CMYK	0.14, 0.11, 0.00, 0.22
HSL	227°, 19%, 73%
HSV	227°, 14%, 78%
XYZ	43.2513, 44.7350, 60.3885
YIQ	178.6000, -10.3170, 5.2590

Conversions

Conversions Part 2

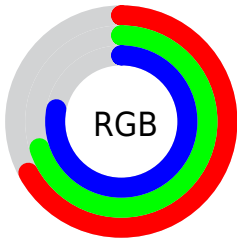
Format	Color
R_{YB}	172, 177, 199
Decimal	11317959
CIE Lab	72.72, 2.18, -11.36
CIE LCh	73, 11.569, 280.871
Yxy	44.7350, 0.2915, 0.3015
Android (android.graphics.Color)	4289508039 (0xFFACB2C7)
YUV	178.6000, 10.0572, -5.7882
Hunter-Lab	66.8842, -1.6189, -6.7129

Details

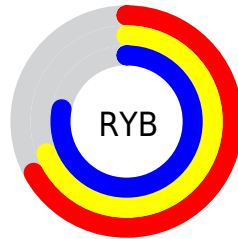
The Yxy color $44.7350, 0.2915, 0.3015$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $53.2933, 0.3337, 0.3551$, and the grayscale version is $44.8101, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.5596, 0.2961, 0.3076$, and $20.7046, 0.2859, 0.2932$ is the 20% darker color. If you saturate the color by 10%, you get $36.8208, 0.2742, 0.2782$, and if you desaturate by 10%, it is $53.6888, 0.3074, 0.3223$.

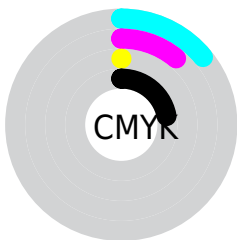
Distribution



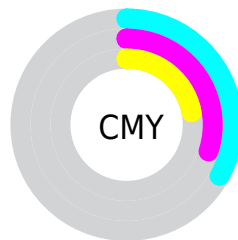
- Red (67%)
- Green (70%)
- Blue (78%)



- Red (67%)
- Yellow (69%)
- Blue (78%)



- Cyan (14%)
- Magenta (11%)
- Yellow (0%)
- Black (22%)



- Cyan (33%)
- Magenta (30%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.7350, 0.2915, 0.3015 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 44.7350, 0.2915, 0.3015 by changing the saturation by 10% instead.

■ 44.7350, 0.2915,
0.3015

■ 44.7350, 0.2915,
0.3015

365.6992, 0.3022,
0.3152

■ 31.2487, 0.2888,
0.2981

■ 82.3226, 0.2954,
0.3065

■ 20.7883, 0.2854,
0.2937

107.1928, 0.2968,
0.3083

■ 12.9694, 0.2808,
0.2879

136.6263, 0.2981,
0.3099

■ 7.4075, 0.2744,
0.2798

171.0077, 0.2991,
0.3113

■ 3.7182, 0.2647,
0.2679

210.7213, 0.3000,
0.3125

■ 1.5172, 0.2488,
0.2484

256.1515, 0.3008,

■ 0.3008, 0.1916,

0.3135

0.1699

307.6827, 0.3015,
0.3144

0.0000, 0.0000,
0.0000

44.7350, 0.2915,
0.3015

44.7350, 0.2915,
0.3015

36.8208, 0.2742,
0.2782

53.6888, 0.3074,
0.3223

29.9023, 0.2558,
0.2525

63.7126, 0.3219,
0.3405

23.9411, 0.2368,
0.2248

74.8425, 0.3349,
0.3565

18.8938, 0.2177,
0.1958

87.1115, 0.3466,
0.3704

14.7135, 0.1996,
0.1667

96.9036, 0.3460,
0.3840

■ 11.3492, 0.1834,
0.1388

■ 8.7437, 0.1702,
0.1138

■ 6.8318, 0.1607,
0.0931

■ 5.9116, 0.1563,
0.0824

Harmonies

Analogous

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



44.7350, 0.2828, 0.3066



44.7350, 0.2915, 0.3015



44.7350, 0.3060, 0.3035

Triad

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



44.7350, 0.2915, 0.3015



44.7350, 0.3446, 0.3387



44.7350, 0.3024, 0.3471

Complementary

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



44.7350, 0.2915, 0.3015



53.2933, 0.3337, 0.3551

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.



44.7350, 0.3188, 0.3562



44.7350, 0.2915, 0.3015



44.7350, 0.3434, 0.3508

Square

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



44.7350, 0.2915, 0.3015



44.7350, 0.3369, 0.3246



44.7350, 0.3339, 0.3574



44.7350, 0.2890, 0.3329

Rectangle

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



44.7350, 0.2915, 0.3015



44.7350, 0.3171, 0.3085



44.7350, 0.3339, 0.3574



44.7350, 0.3077, 0.3509

Sweetspot

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



44.7369, 0.2915, 0.3015



93.1462, 0.3066, 0.3212



53.4622, 0.2966, 0.3370



19.6686, 0.3055, 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.



44.7369, 0.2915, 0.3015



74.4200, 0.2870, 0.2955



43.2621, 0.2973, 0.2942



10.6599, 0.2983, 0.3104



3.9094, 0.1568, 0.0845



0.2962, 0.1680, 0.1246

Inverse Universe

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



44.8824, 0.3321, 0.3216



74.7921, 0.3367, 0.3200



55.0110, 0.3269, 0.3628



10.6745, 0.3256, 0.3239



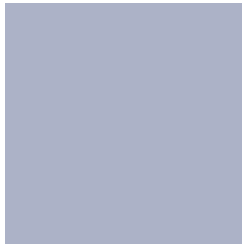
7.9346, 0.5998, 0.3078



0.3869, 0.5401, 0.2749

Previews

White Background



This preview shows how the Yxy color 44.7350, 0.2915, 0.3015 looks on a white background.

Color Contrast Check

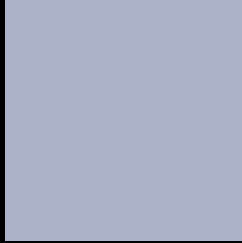
Large Text (above 18pt) WCAG AA × Fail

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 44.7350, 0.2915, 0.3015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

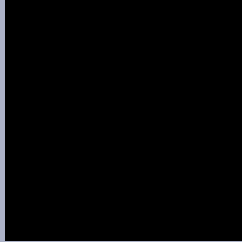
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

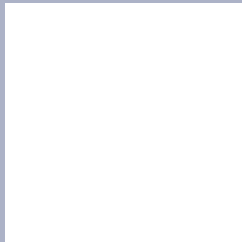
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.7350, 0.2915, 0.3015

Background



This preview shows how black text looks on a background with the Yxy color 44.7350, 0.2915, 0.3015.



This preview shows how white text looks on a background with the Yxy color 44.7350, 0.2915, 0.3015.

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

44.7350, 0.2915, 0.3015

Protanopia

44.7516, 0.2954, 0.3017

Deuteranopia

44.8813, 0.3022, 0.2961



Tritanopia

44.7484, 0.2951, 0.3105

Trichromacy



Original Color

44.7350, 0.2915, 0.3015

Protanomaly

44.6355, 0.2946, 0.3016

Deuteranomaly

44.6538, 0.2980, 0.2970

Tritanomaly

44.8383, 0.2936, 0.3079

Monochromacy



Original Color

44.7350, 0.2915, 0.3015

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.0155, 0.3046, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7350, 0.2915, 0.3015 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(172, 178, 199)` looks like.

```
.text, #text, p{  
    color:rgb(172, 178, 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(172, 178, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 178, 199) }
```

Border

The CSS property to change the border of an element to Yxy 44.7350, 0.2915, 0.3015 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(172, 178, 199) }
```

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

```
.border{ border-color:rgb(172, 178, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 178, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 178, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 178, 199);  
box-shadow:4px 4px 4px 4px rgb(172, 178,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7350, 0.2915, 0.3015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 178, 199) }
```

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

```
.background{ background-color: rgb(172,  
178, 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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