

Converting Colors

Yxy(62.6848, 0.2898, 0.2911)

Have a look what the booklet for
Yxy(62.6848, 0.2898, 0.2911)
contains.

Yxy(62.8738, 0.2898, 0.2911)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(62.8738, 0.2898, 0.2911)

Conversions

Conversions Part 1

Format	Color
Hex	CDCDEF
RGB	205, 205, 239
RGB Percent	80%, 80%, 94%
CMY	0.1960, 0.1961, 0.0626
CMYK	0.14, 0.14, 0.00, 0.06
HSL	240°, 52%, 87%
HSV	240°, 14%, 94%
XYZ	62.5930, 62.8738, 90.5201
YIQ	208.8760, -10.9140, 10.5740

Conversions

Conversions Part 2

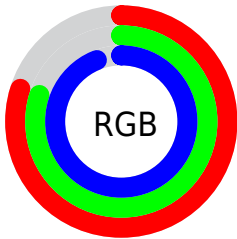
Format	Color
R _Y B	205, 205, 239
Decimal	13487599
CIE Lab	83.38, 6.67, -16.72
CIE LCh	83, 18.000, 291.734
Yxy	62.8738, 0.2898, 0.2911
Android (android.graphics.Color)	4291677679 (0xFFCDCDEF)
YUV	208.8760, 14.8511, -3.3993
Hunter-Lab	79.2930, 2.1432, -12.1798

Details

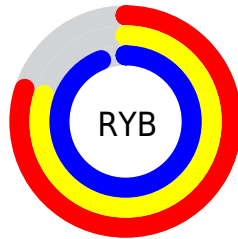
The Yxy color **62.8738, 0.2898, 0.2911** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.5121, 0.3340, 0.3643**, and the grayscale version is **63.5852, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.1314, 0.2845, 0.2823** is the 20% darker color. If you saturate the color by 10%, you get **49.1581, 0.2712, 0.2603**, and if you desaturate by 10%, it is **78.8605, 0.3063, 0.3185**.

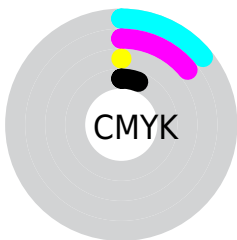
Distribution



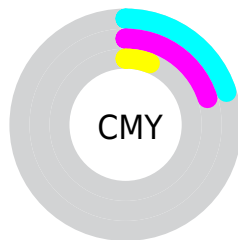
- Red (80%)
- Green (80%)
- Blue (94%)



- Red (80%)
- Yellow (80%)
- Blue (94%)



- Cyan (14%)
- Magenta (14%)
- Yellow (0%)
- Black (6%)



- Cyan (20%)
- Magenta (20%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.8738, 0.2898, 0.2911 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 62.8738, 0.2898, 0.2911 by changing the saturation by 10% instead.

■ 62.8738, 0.2898,
0.2911

■ 62.8738, 0.2898,
0.2911

435.1113, 0.3007,
0.3088

■ 45.7391, 0.2872,
0.2870

108.9874, 0.2936,
0.2972

■ 32.0400, 0.2840,
0.2820

138.7352, 0.2951,
0.2996

■ 21.3921, 0.2799,
0.2757

173.4560, 0.2964,
0.3017

■ 13.4109, 0.2744,
0.2673

213.5344, 0.2975,
0.3035

■ 7.7121, 0.2668,
0.2559

259.3548, 0.2984,
0.3050

■ 3.9113, 0.2556,
0.2395

311.3015, 0.2993,

■ 1.6241, 0.2373,

0.3064

0.2141

369.7588, 0.3000,
0.3077

0.3737, 0.1988,
0.1434

0.0000, 0.0000,
0.0000

62.8738, 0.2898,
0.2911

62.8738, 0.2898,
0.2911

49.1581, 0.2712,
0.2603

78.8605, 0.3063,
0.3185

37.6032, 0.2508,
0.2266

97.2064, 0.3208,
0.3424

28.1012, 0.2292,
0.1909

99.0137, 0.3220,
0.3444

20.5322, 0.2077,
0.1553

■ 14.7635, 0.1877,
0.1222

■ 10.6460, 0.1709,
0.0945

■ 8.0067, 0.1588,
0.0746

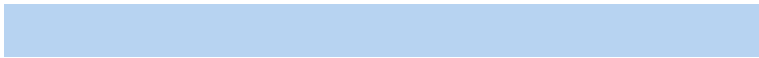
■ 6.6339, 0.1521,
0.0634

■ 6.2342, 0.1500,
0.0600

Harmonies

Analogous

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



62.8738, 0.2747, 0.2943



62.8738, 0.2898, 0.2911



62.8738, 0.3115, 0.2973

Triad

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



62.8738, 0.2898, 0.2911



62.8738, 0.3580, 0.3487



62.8738, 0.2908, 0.3476

Complementary

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



62.8738, 0.2898, 0.2911



84.5121, 0.3340, 0.3643

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.



62.8738, 0.3126, 0.3637



62.8738, 0.2898, 0.2911



62.8738, 0.3518, 0.3635

Square

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



62.8738, 0.2898, 0.2911



62.8738, 0.3515, 0.3297



62.8738, 0.3350, 0.3694



62.8738, 0.2752, 0.3263

Rectangle

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



62.8738, 0.2898, 0.2911



62.8738, 0.3270, 0.3059



62.8738, 0.3350, 0.3694



62.8738, 0.2977, 0.3539

Sweetspot

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



62.8764, 0.2898, 0.2911



91.7810, 0.3067, 0.3190



80.9631, 0.2910, 0.3289



19.3247, 0.3055, 0.3171



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.



62.8764, 0.2898, 0.2911



68.0793, 0.2847, 0.2828



65.4278, 0.3019, 0.2924



15.2290, 0.2979, 0.3046



3.4443, 0.1500, 0.0600



0.2866, 0.1501, 0.0600

Inverse Universe

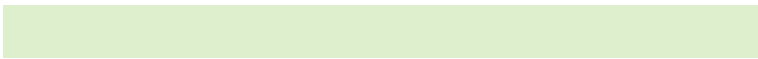
The Inverse Universe completely reimagines the original color for something new.



68.2512, 0.3144, 0.2938



75.3913, 0.3147, 0.2867



81.6899, 0.3223, 0.3656



16.0314, 0.3138, 0.3057



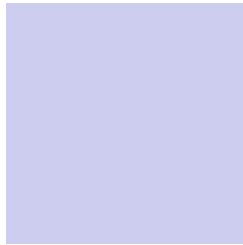
13.5826, 0.3210, 0.1542



1.1300, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 62.8738, 0.2898, 0.2911 looks on a white background.

Color Contrast Check

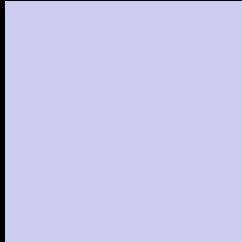
Large Text (above 18pt) WCAG AA × Fail

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 62.8738, 0.2898, 0.2911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

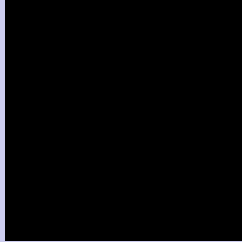
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.8738, 0.2898, 0.2911

Background



This preview shows how black text looks on a background with the Yxy color 62.8738, 0.2898, 0.2911.



This preview shows how white text looks on a background with the Yxy color 62.8738, 0.2898, 0.2911.

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

62.8738, 0.2898, 0.2911

Protanopia

62.9904, 0.2871, 0.2910

Deuteranopia

62.6785, 0.2947, 0.2874



Tritanopia

63.0501, 0.2975, 0.3107

Trichromacy



Original Color

62.8738, 0.2898, 0.2911

Protanomaly

63.1304, 0.2878, 0.2911

Deuteranomaly

62.7048, 0.2926, 0.2882

Tritanomaly

62.9793, 0.2949, 0.3041

Monochromacy



Original Color

62.8738, 0.2898, 0.2911

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.6890, 0.3045, 0.3154

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.8738, 0.2898, 0.2911 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(205, 205, 239)` looks like.

```
.text, #text, p{  
    color:rgb(205, 205, 239)  
}
```

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(205, 205, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 205, 239) }
```

Border

The CSS property to change the border of an element to Yxy 62.8738, 0.2898, 0.2911 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(205, 205, 239) }
```

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

```
.border{ border-color:rgb(205, 205, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 205, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 205, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 205, 239);  
box-shadow:4px 4px 4px 4px rgb(205, 205,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 62.8738, 0.2898, 0.2911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 205, 239) }
```

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

```
.background{ background-color: rgb(205,  
205, 239) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor