

Converting Colors

Yxy(61.7169, 0.2943, 0.2953)

Have a look what the booklet for
Yxy(61.7169, 0.2943, 0.2953)
contains.

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Color

Yxy(61.7169, 0.2943, 0.2953)

Conversions

Conversions Part 1

Format	Color
Hex	CECBE9
RGB	206, 203, 233
RGB Percent	81%, 80%, 91%
CMY	0.1924, 0.2038, 0.0862
CMYK	0.12, 0.13, 0.00, 0.09
HSL	246°, 41%, 85%
HSV	246°, 13%, 91%
XYZ	61.5079, 61.7169, 85.7725
YIQ	207.3170, -7.8420, 9.9660

Conversions

Conversions Part 2

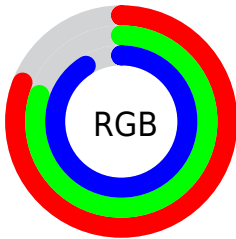
Format	Color
R _Y B	206, 203, 233
Decimal	13552617
CIE Lab	82.76, 6.78, -14.43
CIE LCh	83, 15.944, 295.167
Yxy	61.7169, 0.2943, 0.2953
Android (android.graphics.Color)	4291742697 (0xFFCECBE9)
YUV	207.3170, 12.6617, -1.1550
Hunter-Lab	78.5601, 2.2747, -9.7412

Details

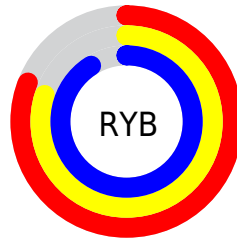
The Yxy color **61.7169, 0.2943, 0.2953** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.4372, 0.3299, 0.3610**, and the grayscale version is **62.5299, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.3446, 0.2903, 0.2877** is the 20% darker color. If you saturate the color by 10%, you get **48.7172, 0.2777, 0.2655**, and if you desaturate by 10%, it is **76.7784, 0.3089, 0.3219**.

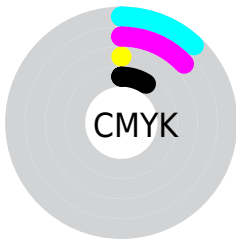
Distribution



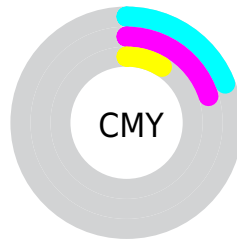
- Red (81%)
- Green (80%)
- Blue (91%)



- Red (81%)
- Yellow (80%)
- Blue (91%)



- Cyan (12%)
- Magenta (13%)
- Yellow (0%)
- Black (9%)



- Cyan (19%)
- Magenta (20%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.7169, 0.2943, 0.2953 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 61.7169, 0.2943, 0.2953 by changing the saturation by 10% instead.

■ 61.7169, 0.2943,
0.2953

■ 61.7169, 0.2943,
0.2953

430.8977, 0.3031,
0.3111

■ 44.8040, 0.2922,
0.2917

107.3163, 0.2974,
0.3008

■ 31.3031, 0.2896,
0.2871

136.7715, 0.2986,
0.3029

■ 20.8297, 0.2862,
0.2814

171.1763, 0.2996,
0.3048

■ 12.9996, 0.2817,
0.2738

210.9151, 0.3005,
0.3064

■ 7.4283, 0.2754,
0.2634

256.3722, 0.3013,
0.3078

■ 3.7314, 0.2659,
0.2482

307.9321, 0.3020,

■ 1.5244, 0.2501,

0.3090

0.2243

365.9791, 0.3026,
0.3101

0.3058, 0.2117,
0.1419

0.0000, 0.0000,
0.0000

61.7169, 0.2943,
0.2953

61.7169, 0.2943,
0.2953

48.7172, 0.2777,
0.2655

76.7784, 0.3089,
0.3219

37.6821, 0.2593,
0.2329

93.9779, 0.3215,
0.3454

28.5182, 0.2395,
0.1984

98.6641, 0.3256,
0.3503

21.1214, 0.2190,
0.1636

■ 15.3774, 0.1991,
0.1307

■ 11.1585, 0.1813,
0.1022

■ 8.3179, 0.1669,
0.0805

■ 6.6798, 0.1570,
0.0668

■ 6.0632, 0.1527,
0.0615

Harmonies

Analogous

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



61.7169, 0.2798, 0.2972



61.7169, 0.2943, 0.2953



61.7169, 0.3141, 0.3018

Triad

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



61.7169, 0.2943, 0.2953



61.7169, 0.3530, 0.3485



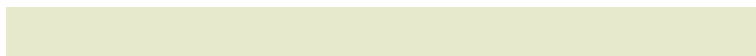
61.7169, 0.2913, 0.3435

Complementary

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



61.7169, 0.2943, 0.2953



79.4372, 0.3299, 0.3610

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.



61.7169, 0.3103, 0.3586



61.7169, 0.2943, 0.2953



61.7169, 0.3462, 0.3609

Square

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



61.7169, 0.2943, 0.2953



61.7169, 0.3485, 0.3318



61.7169, 0.3305, 0.3649



61.7169, 0.2782, 0.3245

Rectangle

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



61.7169, 0.2943, 0.2953



61.7169, 0.3278, 0.3099



61.7169, 0.3305, 0.3649



61.7169, 0.2972, 0.3492

Sweetspot

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



61.7195, 0.2943, 0.2953



91.9597, 0.3073, 0.3191



75.4647, 0.2930, 0.3262



19.3697, 0.3063, 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.



61.7195, 0.2943, 0.2953



72.0081, 0.2908, 0.2890



63.9017, 0.3049, 0.2964



14.6192, 0.2995, 0.3047



3.4637, 0.1533, 0.0618



0.2959, 0.1612, 0.0662

Inverse Universe

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



65.7656, 0.3163, 0.3003



77.7388, 0.3169, 0.2953



77.1252, 0.3197, 0.3620



15.2870, 0.3153, 0.3080



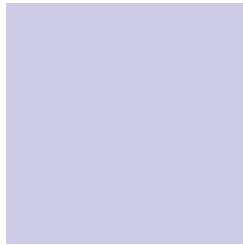
12.4878, 0.3471, 0.1686



0.9880, 0.3430, 0.1663

Previews

White Background



This preview shows how the Yxy color 61.7169, 0.2943, 0.2953 looks on a white background.

Color Contrast Check

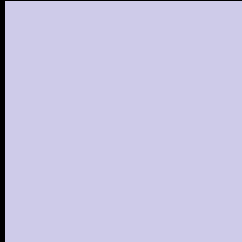
Large Text (above 18pt) WCAG AA × Fail

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 61.7169, 0.2943, 0.2953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

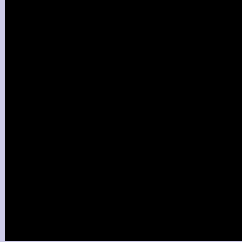
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

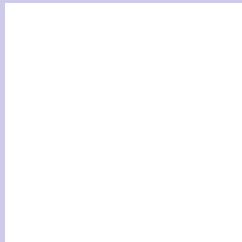
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.7169, 0.2943, 0.2953

Background



This preview shows how black text looks on a background with the Yxy color 61.7169, 0.2943, 0.2953.



This preview shows how white text looks on a background with the Yxy color 61.7169, 0.2943, 0.2953.

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

61.7169, 0.2943, 0.2953

Protanopia

61.5438, 0.2902, 0.2950

Deuteranopia

61.8026, 0.2994, 0.2935



Tritanopia

61.7205, 0.3009, 0.3107

Trichromacy



Original Color

61.7169, 0.2943, 0.2953

Protanomaly

61.8228, 0.2916, 0.2952

Deuteranomaly

61.8259, 0.2972, 0.2945

Tritanomaly

61.6011, 0.2990, 0.3051

Monochromacy



Original Color

61.7169, 0.2943, 0.2953

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.3659, 0.3065, 0.3176

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7169, 0.2943, 0.2953 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(206, 203, 233)` looks like.

```
.text, #text, p{  
    color:rgb(206, 203, 233)  
}
```

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(206, 203, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 203, 233) }
```

Border

The CSS property to change the border of an element to Yxy 61.7169, 0.2943, 0.2953 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(206, 203, 233) }
```

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

```
.border{ border-color:rgb(206, 203, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 203, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 203, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 203, 233);  
box-shadow:4px 4px 4px 4px rgb(206, 203,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7169, 0.2943, 0.2953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 203, 233) }
```

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

```
.background{ background-color: rgb(206,  
203, 233) }
```

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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