

Converting Colors

$Yxy(62.1069, 0.2924, 0.2947)$

Have a look what the booklet for
Yxy(62.1069, 0.2924, 0.2947)
contains.

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Color

Yxy(62.1630, 0.2924, 0.2942)

Conversions

Conversions Part 1

Format	Color
Hex	CDCCEB
RGB	205, 204, 235
RGB Percent	80%, 80%, 92%
CMY	0.1958, 0.2001, 0.0784
CMYK	0.13, 0.13, 0.00, 0.08
HSL	242°, 44%, 86%
HSV	242°, 13%, 92%
XYZ	61.7827, 62.1630, 87.3494
YIQ	207.8330, -9.3550, 9.8530

Conversions

Conversions Part 2

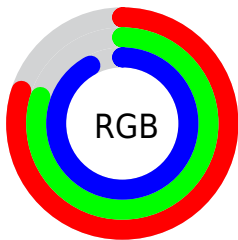
Format	Color
R _Y B	205, 204, 235
Decimal	13487339
CIE Lab	83.00, 6.40, -15.15
CIE LCh	83, 16.443, 292.907
Yxy	62.1630, 0.2924, 0.2942
Android (android.graphics.Color)	4291677419 (0xFFCDCCEB)
YUV	207.8330, 13.3933, -2.4845
Hunter-Lab	78.8435, 1.8985, -10.4959

Details

The Yxy color **62.1630, 0.2924, 0.2942** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.2611, 0.3317, 0.3617**, and the grayscale version is **62.8875, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.6467, 0.2877, 0.2863** is the 20% darker color. If you saturate the color by 10%, you get **48.8303, 0.2746, 0.2640**, and if you desaturate by 10%, it is **77.6534, 0.3081, 0.3211**.

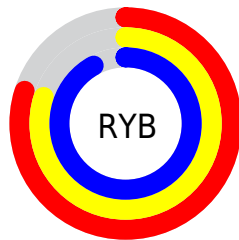
Distribution



Red (80%)

Green (80%)

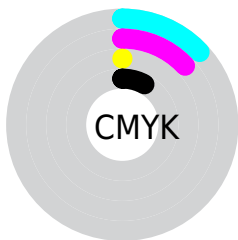
Blue (92%)



Red (80%)

Yellow (80%)

Blue (92%)

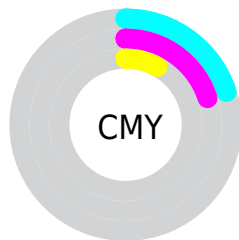


Cyan (13%)

Magenta (13%)

Yellow (0%)

Black (8%)



Cyan (20%)

Magenta (20%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.1630, 0.2924, 0.2942 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 62.1630, 0.2924, 0.2942 by changing the saturation by 10% instead.

■ 62.1630, 0.2924,
0.2942

■ 62.1630, 0.2924,
0.2942

432.5254, 0.3021,
0.3105

■ 45.1644, 0.2901,
0.2904

107.9611, 0.2958,
0.2999

■ 31.5870, 0.2872,
0.2858

137.5294, 0.2971,
0.3021

■ 21.0462, 0.2836,
0.2799

172.0563, 0.2983,
0.3040

■ 13.1578, 0.2786,
0.2721

211.9264, 0.2992,
0.3056

■ 7.5373, 0.2718,
0.2614

257.5239, 0.3001,
0.3070

■ 3.8003, 0.2615,
0.2459

309.2334, 0.3008,

■ 1.5625, 0.2447,

0.3083

0.2216

367.4391, 0.3015,
0.3095

0.3321, 0.2052,
0.1444

0.0000, 0.0000,
0.0000

62.1630, 0.2924,
0.2942

62.1630, 0.2924,
0.2942

48.8303, 0.2746,
0.2640

77.6534, 0.3081,
0.3211

37.5524, 0.2550,
0.2308

95.3832, 0.3218,
0.3446

28.2294, 0.2341,
0.1957

98.7790, 0.3244,
0.3483

20.7502, 0.2129,
0.1603

■ 14.9923, 0.1927,
0.1270

■ 10.8188, 0.1753,
0.0986

■ 8.0714, 0.1620,
0.0774

■ 6.5596, 0.1537,
0.0648

■ 6.0528, 0.1508,
0.0604

Harmonies

Analogous

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



62.1630, 0.2781, 0.2968



62.1630, 0.2924, 0.2942



62.1630, 0.3125, 0.3002

Triad

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



62.1630, 0.2924, 0.2942



62.1630, 0.3542, 0.3478



62.1630, 0.2920, 0.3453

Complementary

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



62.1630, 0.2924, 0.2942



81.2611, 0.3317, 0.3617

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.



62.1630, 0.3118, 0.3603



62.1630, 0.2924, 0.2942



62.1630, 0.3481, 0.3611

Square

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



62.1630, 0.2924, 0.2942



62.1630, 0.3487, 0.3304



62.1630, 0.3324, 0.3660



62.1630, 0.2779, 0.3259

Rectangle

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



62.1630, 0.2924, 0.2942



62.1630, 0.3266, 0.3083



62.1630, 0.3324, 0.3660



62.1630, 0.2982, 0.3511

Sweetspot

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



62.1656, 0.2924, 0.2942



91.8455, 0.3069, 0.3190



77.6675, 0.2925, 0.3278



19.3409, 0.3058, 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.



62.1656, 0.2924, 0.2942



69.9598, 0.2875, 0.2859



64.4737, 0.3035, 0.2954



14.5744, 0.2985, 0.3047



3.3797, 0.1511, 0.0606



0.2744, 0.1541, 0.0623

Inverse Universe

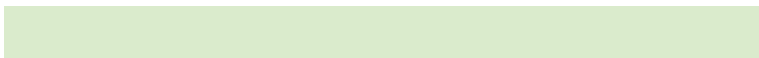
The Inverse Universe completely reimagines the original color for something new.



66.7761, 0.3150, 0.2976



76.5815, 0.3155, 0.2906



78.7602, 0.3209, 0.3628



15.3040, 0.3143, 0.3066



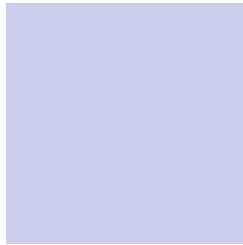
12.9103, 0.3300, 0.1591



1.0167, 0.3286, 0.1584

Previews

White Background



This preview shows how the Yxy color 62.1630, 0.2924, 0.2942 looks on a white background.

Color Contrast Check

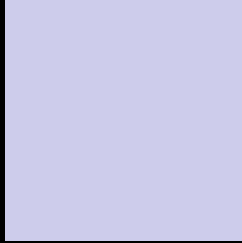
Large Text (above 18pt) WCAG AA × Fail

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 62.1630, 0.2924, 0.2942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

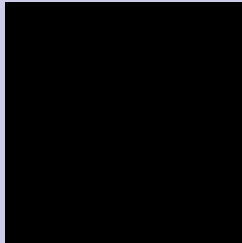
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.1630, 0.2924, 0.2942

Background



This preview shows how black text looks on a background with the Yxy color 62.1630, 0.2924, 0.2942.

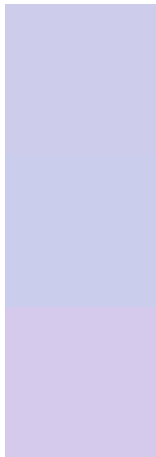


This preview shows how white text looks on a background with the Yxy color 62.1630, 0.2924, 0.2942.

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

62.1630, 0.2924, 0.2942

Protanopia

62.2753, 0.2896, 0.2941

Deuteranopia

61.9756, 0.2974, 0.2904



Tritanopia

62.1130, 0.2995, 0.3107

Trichromacy



Original Color

62.1630, 0.2924, 0.2942

Protanomaly

62.4153, 0.2903, 0.2942

Deuteranomaly

61.9988, 0.2952, 0.2913

Tritanomaly

62.0461, 0.2969, 0.3040

Monochromacy



Original Color

62.1630, 0.2924, 0.2942

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.9530, 0.3051, 0.3165

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1630, 0.2924, 0.2942 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, 204, 235)` looks like.

```
.text, #text, p{  
    color:rgb(205, 204, 235)  
}
```

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, 204, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 204, 235) }
```

Border

The CSS property to change the border of an element to Yxy 62.1630, 0.2924, 0.2942 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, 204, 235) }
```

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

```
.border{ border-color:rgb(205, 204, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 204, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 204, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 204, 235);  
box-shadow:4px 4px 4px 4px rgb(205, 204,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1630, 0.2924, 0.2942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 204, 235) }
```

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

```
.background{ background-color: rgb(205,  
204, 235) }
```

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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