

Converting Colors

Yxy(63.5013, 0.3058, 0.3102)

Have a look what the booklet for
Yxy(63.5013, 0.3058, 0.3102)
contains.

Yxy(63.4674, 0.3054, 0.3099)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(63.4674, 0.3054, 0.3099)

Conversions

Conversions Part 1

Format	Color
Hex	D4CEDF
RGB	212, 206, 223
RGB Percent	83%, 81%, 87%
CMY	0.1686, 0.1922, 0.1254
CMYK	0.05, 0.08, 0.00, 0.13
HSL	261°, 21%, 84%
HSV	261°, 8%, 87%
XYZ	62.5458, 63.4674, 78.7864
YIQ	209.7320, -1.8810, 6.5590

Conversions

Conversions Part 2

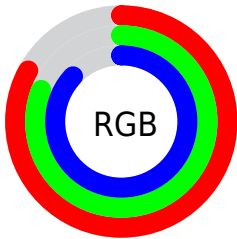
Format	Color
R_{YB}	212, 206, 223
Decimal	13946591
CIE _{Lab}	83.69, 5.21, -7.68
CIE _{LCh}	84, 9.280, 304.170
Yxy	63.4674, 0.3054, 0.3099
Android (android.graphics.Color)	4292136671 (0xFFD4CEDF)
YUV	209.7320, 6.5411, 1.9890
Hunter-Lab	79.6664, 0.7234, -2.8686

Details

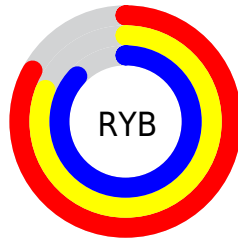
The Yxy color **63.4674, 0.3054, 0.3099** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.0035, 0.3197, 0.3479**, and the grayscale version is **64.2240, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.4517, 0.3030, 0.3054** is the 20% darker color. If you saturate the color by 10%, you get **51.4317, 0.2945, 0.2827**, and if you desaturate by 10%, it is **77.2241, 0.3148, 0.3346**.

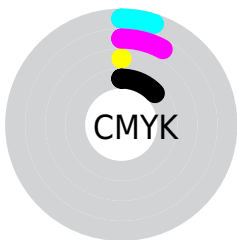
Distribution



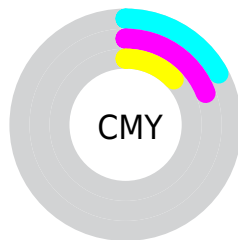
- Red (83%)
- Green (81%)
- Blue (87%)



- Red (83%)
- Yellow (81%)
- Blue (87%)



- Cyan (5%)
- Magenta (8%)
- Yellow (0%)
- Black (13%)



- Cyan (17%)
- Magenta (19%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.4674, 0.3054, 0.3099 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 63.4674, 0.3054, 0.3099 by changing the saturation by 10% instead.

■ 63.4674, 0.3054,
0.3099

■ 63.4674, 0.3054,
0.3099

437.2638, 0.3089,
0.3189

■ 46.2194, 0.3046,
0.3078

109.8435, 0.3066,
0.3130

■ 32.4190, 0.3035,
0.3052

139.7405, 0.3071,
0.3142

■ 21.6818, 0.3022,
0.3019

174.6226, 0.3075,
0.3153

■ 13.6232, 0.3004,
0.2976

214.8742, 0.3079,
0.3162

■ 7.8591, 0.2978,
0.2915

260.8798, 0.3082,
0.3170

■ 4.0049, 0.2940,
0.2826

313.0236, 0.3085,

■ 1.6763, 0.2874,

0.3177

0.2683

371.6901, 0.3087,
0.3183

0.4083, 0.2705,
0.2143

0.0000, 0.0000,
0.0000

63.4674, 0.3054,
0.3099

63.4674, 0.3054,
0.3099

51.4317, 0.2945,
0.2827

77.2241, 0.3148,
0.3346

41.0400, 0.2819,
0.2532

92.7587, 0.3228,
0.3568

32.2215, 0.2679,
0.2221

98.1093, 0.3315,
0.3601

24.8970, 0.2525,
0.1903

■ 18.9801, 0.2363,
0.1593

■ 14.3754, 0.2199,
0.1308

■ 10.9751, 0.2043,
0.1067

■ 8.6533, 0.1903,
0.0885

■ 7.2399, 0.1786,
0.0767

Harmonies

Analogous

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



63.4674, 0.2957, 0.3097



63.4674, 0.3054, 0.3099



63.4674, 0.3172, 0.3150

Triad

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



63.4674, 0.3054, 0.3099



63.4674, 0.3353, 0.3430



63.4674, 0.2976, 0.3342

Complementary

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



63.4674, 0.3054, 0.3099



72.0035, 0.3197, 0.3479

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.



63.4674, 0.3080, 0.3437



63.4674, 0.3054, 0.3099



63.4674, 0.3298, 0.3486

Square

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



63.4674, 0.3054, 0.3099



63.4674, 0.3347, 0.3339



63.4674, 0.3198, 0.3490



63.4674, 0.2913, 0.3235

Rectangle

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



63.4674, 0.3054, 0.3099



63.4674, 0.3247, 0.3205



63.4674, 0.3198, 0.3490



63.4674, 0.3007, 0.3377

Sweetspot

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



63.4701, 0.3054, 0.3099



96.1682, 0.3109, 0.3241



68.1130, 0.3010, 0.3223



20.6241, 0.3110, 0.3244



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.



63.4701, 0.3054, 0.3099



83.5114, 0.3039, 0.3062



64.7623, 0.3117, 0.3103



13.4772, 0.3035, 0.3052



4.1579, 0.1775, 0.0752



0.3371, 0.1947, 0.0846

Inverse Universe

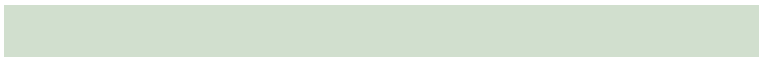
The Inverse Universe completely reimagines the original color for something new.



64.8469, 0.3178, 0.3169



85.7111, 0.3189, 0.3146



70.7383, 0.3136, 0.3482



13.8493, 0.3191, 0.3139



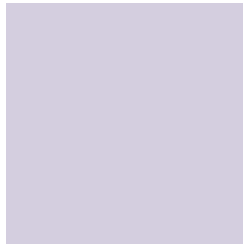
10.4372, 0.4344, 0.2167



0.7403, 0.4124, 0.2046

Previews

White Background



This preview shows how the Yxy color 63.4674, 0.3054, 0.3099 looks on a white background.

Color Contrast Check

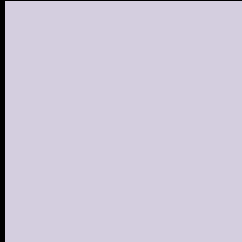
Large Text (above 18pt) WCAG AA × Fail

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 63.4674, 0.3054, 0.3099 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

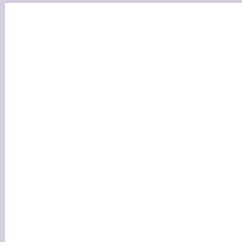
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.4674, 0.3054, 0.3099

Background



This preview shows how black text looks on a background with the Yxy color 63.4674, 0.3054, 0.3099.

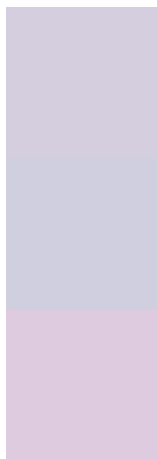


This preview shows how white text looks on a background with the Yxy color 63.4674, 0.3054, 0.3099.

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

63.4674, 0.3054, 0.3099

Protanopia

63.4174, 0.3018, 0.3098

Deuteranopia

63.6233, 0.3123, 0.3060



Tritanopia

63.4136, 0.3061, 0.3110

Trichromacy



Original Color

63.4674, 0.3054, 0.3099

Protanomaly

63.5628, 0.3025, 0.3098

Deuteranomaly

63.4730, 0.3092, 0.3069

Tritanomaly

63.4136, 0.3061, 0.3110

Monochromacy



Original Color

63.4674, 0.3054, 0.3099

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.3561, 0.3101, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.4674, 0.3054, 0.3099 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(212, 206, 223)` looks like.

```
.text, #text, p{  
    color:rgb(212, 206, 223)  
}
```

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(212, 206, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 206, 223) }
```

Border

The CSS property to change the border of an element to Yxy 63.4674, 0.3054, 0.3099 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(212, 206, 223) }
```

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

```
.border{ border-color:rgb(212, 206, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 206, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 206, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 206, 223);  
box-shadow:4px 4px 4px 4px rgb(212, 206,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 63.4674, 0.3054, 0.3099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 206, 223) }
```

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

```
.background{ background-color: rgb(212,  
206, 223) }
```

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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