

Converting Colors

$Yxy(60.4201, 0.3038, 0.3012)$

Have a look what the booklet for
Yxy(60.4201, 0.3038, 0.3012)
contains.

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Color

Yxy(60.5393, 0.3041, 0.3019)

Conversions

Conversions Part 1

Format	Color
Hex	D3C8E0
RGB	211, 200, 224
RGB Percent	83%, 78%, 88%
CMY	0.1724, 0.2157, 0.1215
CMYK	0.06, 0.11, 0.00, 0.12
HSL	268°, 28%, 83%
HSV	268°, 11%, 88%
XYZ	60.9805, 60.5393, 79.0079
YIQ	206.0250, -1.1480, 9.7960

Conversions

Conversions Part 2

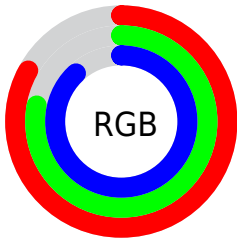
Format	Color
R _Y B	211, 200, 224
Decimal	13879520
CIE Lab	82.13, 8.27, -10.53
CIE LCh	82, 13.388, 308.128
Yxy	60.5393, 0.3041, 0.3019
Android (android.graphics.Color)	4292069600 (0xFFD3C8E0)
YUV	206.0250, 8.8617, 4.3631
Hunter-Lab	77.8070, 3.7353, -5.7402

Details

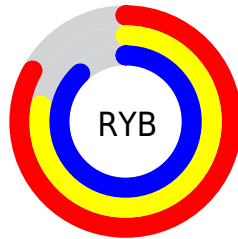
The Yxy color **60.5393, 0.3041, 0.3019** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.6386, 0.3207, 0.3560**, and the grayscale version is **61.6851, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.4903, 0.3012, 0.2948** is the 20% darker color. If you saturate the color by 10%, you get **49.1915, 0.2947, 0.2744**, and if you desaturate by 10%, it is **73.5475, 0.3122, 0.3273**.

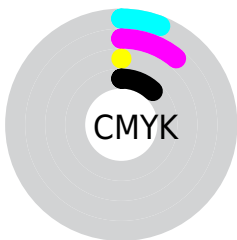
Distribution



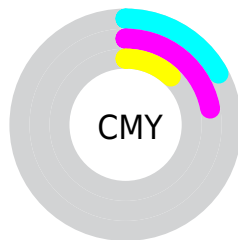
- Red (83%)
- Green (78%)
- Blue (88%)



- Red (83%)
- Yellow (78%)
- Blue (88%)



- Cyan (6%)
- Magenta (11%)
- Yellow (0%)
- Black (12%)



- Cyan (17%)
- Magenta (22%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.5393, 0.3041, 0.3019 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 60.5393, 0.3041, 0.3019 by changing the saturation by 10% instead.

60.5393, 0.3041,
0.3019

60.5393, 0.3041,
0.3019

426.5828, 0.3083,
0.3146

43.8535, 0.3031,
0.2989

105.6116, 0.3056,
0.3064

30.5553, 0.3018,
0.2953

134.7669, 0.3062,
0.3081

20.2605, 0.3001,
0.2906

168.8474, 0.3067,
0.3096

12.5845, 0.2979,
0.2843

208.2376, 0.3071,
0.3108

7.1431, 0.2947,
0.2757

253.3218, 0.3074,
0.3120

3.5517, 0.2897,
0.2630

304.4845, 0.3078,

1.4261, 0.2811,

0.3130

362.1100, 0.3080,
0.3139

0.2426

0.2359, 0.2573,
0.1425

0.0000, 0.0000,
0.0000

60.5393, 0.3041,
0.3019

60.5393, 0.3041,
0.3019

49.1915, 0.2947,
0.2744

73.5475, 0.3122,
0.3273

39.4276, 0.2839,
0.2452

88.2730, 0.3190,
0.3503

31.1764, 0.2717,
0.2149

96.7460, 0.3260,
0.3596

24.3582, 0.2585,
0.1847

98.1631, 0.3309,
0.3591

■ 18.8856, 0.2444,
0.1559

■ 14.6616, 0.2302,
0.1302

■ 11.5752, 0.2164,
0.1091

■ 9.4946, 0.2038,
0.0936

■ 8.2579, 0.1934,
0.0839

Harmonies

Analogous

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



60.5393, 0.2894, 0.3004



60.5393, 0.3041, 0.3019



60.5393, 0.3215, 0.3101

Triad

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



60.5393, 0.3041, 0.3019



60.5393, 0.3454, 0.3508



60.5393, 0.2890, 0.3345

Complementary

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



60.5393, 0.3041, 0.3019



71.6386, 0.3207, 0.3560

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.



60.5393, 0.3034, 0.3491



60.5393, 0.3041, 0.3019



60.5393, 0.3361, 0.3584

Square

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



60.5393, 0.3041, 0.3019



60.5393, 0.3457, 0.3378



60.5393, 0.3207, 0.3579



60.5393, 0.2809, 0.3187

Rectangle

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



60.5393, 0.3041, 0.3019



60.5393, 0.3323, 0.3184



60.5393, 0.3207, 0.3579



60.5393, 0.2932, 0.3397

Sweetspot

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



60.5419, 0.3041, 0.3019



94.4394, 0.3104, 0.3216



65.3561, 0.2961, 0.3166



19.9034, 0.3098, 0.3196



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.



60.5419, 0.3041, 0.3019



77.3994, 0.3020, 0.2956



62.3488, 0.3130, 0.3027



13.5500, 0.3052, 0.3053



4.8723, 0.1950, 0.0848



0.3905, 0.2121, 0.0942

Inverse Universe

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



61.9607, 0.3220, 0.3146



79.7011, 0.3243, 0.3113



69.9384, 0.3123, 0.3567



13.8239, 0.3208, 0.3164



10.0536, 0.4780, 0.2407



0.7149, 0.4471, 0.2237

Previews

White Background



This preview shows how the Yxy color 60.5393, 0.3041, 0.3019 looks on a white background.

Color Contrast Check

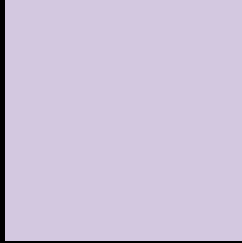
Large Text (above 18pt) WCAG AA × Fail

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 60.5393, 0.3041, 0.3019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

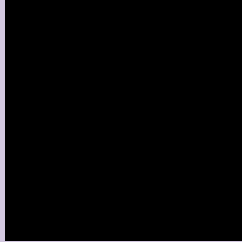
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.5393, 0.3041, 0.3019

Background



This preview shows how black text looks on a background with the Yxy color 60.5393, 0.3041, 0.3019.



This preview shows how white text looks on a background with the Yxy color 60.5393, 0.3041, 0.3019.

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

60.5393, 0.3041, 0.3019

Protanopia

60.7594, 0.2961, 0.3027

Deuteranopia

60.6757, 0.3071, 0.3010



Tritanopia

60.4847, 0.3082, 0.3108

Trichromacy



Original Color

60.5393, 0.3041, 0.3019

Protanomaly

60.6564, 0.2989, 0.3028

Deuteranomaly

60.5248, 0.3064, 0.3010

Tritanomaly

60.6422, 0.3061, 0.3074

Monochromacy



Original Color

60.5393, 0.3041, 0.3019

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.3997, 0.3094, 0.3187

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5393, 0.3041, 0.3019 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(211, 200, 224)` looks like.

```
.text, #text, p{  
    color:rgb(211, 200, 224)  
}
```

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(211, 200, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 200, 224) }
```

Border

The CSS property to change the border of an element to Yxy 60.5393, 0.3041, 0.3019 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(211, 200, 224) }
```

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

```
.border{ border-color:rgb(211, 200, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 200, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 200, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 200, 224);  
box-shadow:4px 4px 4px 4px rgb(211, 200,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5393, 0.3041, 0.3019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 200, 224) }
```

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

```
.background{ background-color: rgb(211,  
200, 224) }
```

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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