

Converting Colors

Yxy(51.6684, 0.3020, 0.2774)

Have a look what the booklet for
Yxy(51.6684, 0.3020, 0.2774)
contains.

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Color

Yxy(51.6341, 0.3021, 0.2775)

Conversions

Conversions Part 1

Format	Color
Hex	D1B4E1
RGB	209, 180, 225
RGB Percent	82%, 71%, 88%
CMY	0.1803, 0.2941, 0.1177
CMYK	0.07, 0.20, 0.00, 0.12
HSL	279°, 43%, 79%
HSV	279°, 20%, 88%
XYZ	56.2114, 51.6341, 78.2233
YIQ	193.8010, 2.8390, 20.1430

Conversions

Conversions Part 2

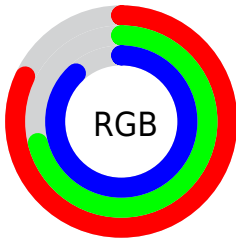
Format	Color
RYB	209, 180, 225
Decimal	13743329
CIELab	77.06, 18.57, -18.67
CIElCh	77, 26.333, 314.834
Yxy	51.6341, 0.3021, 0.2775
Android (android.graphics.Color)	4291933409 (0xFFD1B4E1)
YUV	193.8010, 15.3811, 13.3295
Hunter-Lab	71.8569, 13.8855, -14.2432

Details

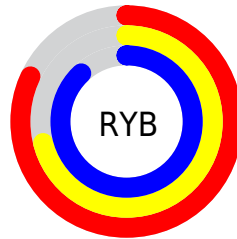
The Yxy color **51.6341, 0.3021, 0.2775** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **68.8628, 0.3214, 0.3822**, and the grayscale version is **53.7340, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4709, 0.3136, 0.3107**, and **24.9510, 0.2982, 0.2641** is the 20% darker color. If you saturate the color by 10%, you get **42.1438, 0.2954, 0.2498**, and if you desaturate by 10%, it is **62.6613, 0.3079, 0.3041**.

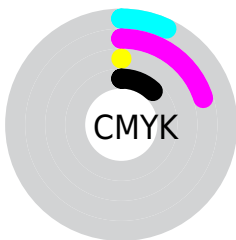
Distribution



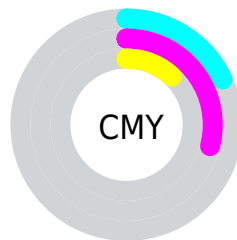
- Red (82%)
- Green (71%)
- Blue (88%)



- Red (82%)
- Yellow (71%)
- Blue (88%)



- Cyan (7%)
- Magenta (20%)
- Yellow (0%)
- Black (12%)




- Cyan (18%)
- Magenta (29%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.6341, 0.3021, 0.2775 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 51.6341, 0.3021, 0.2775 by changing the saturation by 10% instead.

 51.6341, 0.3021,
0.2775

 51.6341, 0.3021,
0.2775

393.0224, 0.3076,
0.3019

 36.7135, 0.3007,
0.2718

 92.5914, 0.3041,
0.2860

 24.9857, 0.2988,
0.2648


119.3969, 0.3049,
0.2893

 16.0664, 0.2963,
0.2557


150.9328, 0.3055,
0.2922

 9.5712, 0.2928,
0.2438

187.5835, 0.3061,
0.2946

 5.1156, 0.2876,
0.2273

229.7334, 0.3066,
0.2968

 2.3152, 0.2789,
0.2032

277.7670, 0.3070,

 0.7818, 0.2630,

0.2987

0.1647

332.0685, 0.3073,
0.3003

0.0000, 0.1315,
0.0000

0.0000, 0.0000,
0.0000

51.6341, 0.3021,
0.2775

51.6341, 0.3021,
0.2775

42.1438, 0.2954,
0.2498

62.6613, 0.3079,
0.3041

34.1118, 0.2877,
0.2217

75.2859, 0.3127,
0.3290

27.4628, 0.2792,
0.1943

89.5730, 0.3168,
0.3521

22.1115, 0.2700,
0.1686

95.6441, 0.3213,
0.3590

■ 17.9631, 0.2604,
0.1461

■ 97.0778, 0.3264,
0.3585

■ 14.9094, 0.2507,
0.1277

■ 98.2152, 0.3304,
0.3582

■ 12.8221, 0.2413,
0.1143

■ 11.4773, 0.2324,
0.1054

■ 11.4767, 0.2324,
0.1054

Harmonies

Analogous

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



51.6341, 0.2706, 0.2708



51.6341, 0.3021, 0.2775



51.6341, 0.3383, 0.2960

Triad

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



51.6341, 0.3021, 0.2775



51.6341, 0.3776, 0.3775



51.6341, 0.2592, 0.3319

Complementary

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



51.6341, 0.3021, 0.2775



68.8628, 0.3214, 0.3822

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.



51.6341, 0.2855, 0.3656



51.6341, 0.3021, 0.2775



51.6341, 0.3540, 0.3919

Square

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



51.6341, 0.3021, 0.2775



51.6341, 0.3833, 0.3518



51.6341, 0.3201, 0.3882



51.6341, 0.2469, 0.2998

Rectangle

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



51.6341, 0.3021, 0.2775



51.6341, 0.3599, 0.3131



51.6341, 0.3201, 0.3882



51.6341, 0.2666, 0.3436

Sweetspot

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



51.6363, 0.3021, 0.2775



89.6096, 0.3099, 0.3141



54.8391, 0.2807, 0.2946



18.9483, 0.3096, 0.3125



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.



51.6363, 0.3021, 0.2775



63.0902, 0.2994, 0.2661



53.7585, 0.3197, 0.2858



13.6800, 0.3082, 0.3055



6.6824, 0.2337, 0.1061



0.5128, 0.2473, 0.1136

Inverse Universe

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



52.6277, 0.3386, 0.3109



64.6862, 0.3455, 0.3069



67.0876, 0.3064, 0.3764



13.7804, 0.3237, 0.3207



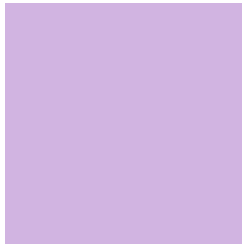
9.5761, 0.5551, 0.2832



0.6804, 0.5123, 0.2596

Previews

White Background



This preview shows how the Yxy color 51.6341, 0.3021, 0.2775 looks on a white background.

Color Contrast Check

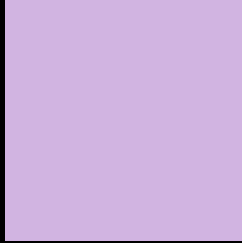
Large Text (above 18pt) WCAG AA × Fail

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 51.6341, 0.3021, 0.2775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

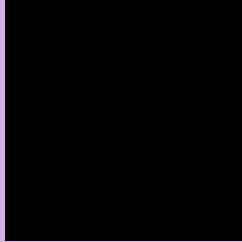
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.6341, 0.3021, 0.2775

Background



This preview shows how black text looks on a background with the Yxy color 51.6341, 0.3021, 0.2775.



This preview shows how white text looks on a background with the Yxy color 51.6341, 0.3021, 0.2775.

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

51.6341, 0.3021, 0.2775

Protanopia

51.9885, 0.2770, 0.2786

Deuteranopia

51.8371, 0.2903, 0.2839



Tritanopia

51.8006, 0.3185, 0.3123

Trichromacy



Original Color

51.6341, 0.3021, 0.2775

Protanomaly

51.8513, 0.2854, 0.2782

Deuteranomaly

51.8049, 0.2949, 0.2821

Tritanomaly

51.5429, 0.3124, 0.2995

Monochromacy



Original Color

51.6341, 0.3021, 0.2775

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

52.9451, 0.3088, 0.3098

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.6341, 0.3021, 0.2775 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(209, 180, 225)` looks like.

```
.text, #text, p{  
    color:rgb(209, 180, 225)  
}
```

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(209, 180, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 180, 225) }
```

Border

The CSS property to change the border of an element to Yxy 51.6341, 0.3021, 0.2775 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(209, 180, 225) }
```

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

```
.border{ border-color:rgb(209, 180, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 180, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 180, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 180, 225);  
box-shadow:4px 4px 4px 4px rgb(209, 180,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 51.6341, 0.3021, 0.2775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 180, 225) }
```

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

```
.background{ background-color: rgb(209,  
180, 225) }
```

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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