

Converting Colors

$Yxy(40.8947, 0.2808, 0.2473)$

Have a look what the booklet for
Yxy(40.8947, 0.2808, 0.2473)
contains.

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Color

Yxy(41.0020, 0.2805, 0.2476)

Conversions

Conversions Part 1

Format	Color
Hex	B9A0E3
RGB	185, 160, 227
RGB Percent	73%, 63%, 89%
CMY	0.2744, 0.3726, 0.1098
CMYK	0.18, 0.30, 0.00, 0.11
HSL	262°, 54%, 76%
HSV	262°, 30%, 89%
XYZ	46.4502, 41.0020, 78.1456
YIQ	175.1130, -6.6070, 26.1370

Conversions

Conversions Part 2

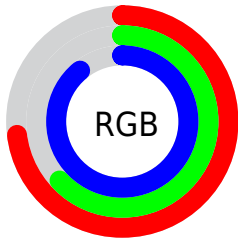
Format	Color
R_{YB}	185, 160, 227
Decimal	12165347
CIE _{Lab}	70.18, 22.39, -30.48
CIE _{LCh}	70, 37.820, 306.292
Yxy	41.0020, 0.2805, 0.2476
Android (android.graphics.Color)	4290355427 (0xFFB9A0E3)
YUV	175.1130, 25.5803, 8.6709
Hunter-Lab	64.0328, 17.4286, -27.5345

Details

The Yxy color $41.0020, 0.2805, 0.2476$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $70.0334, 0.3384, 0.4074$, and the grayscale version is $42.8016, 0.3127, 0.3290$.

A 20% lighter version of the original color is $74.6981, 0.3055, 0.2889$, and $18.4907, 0.2708, 0.2269$ is the 20% darker color. If you saturate the color by 10%, you get $32.1578, 0.2666, 0.2165$, and if you desaturate by 10%, it is $51.4634, 0.2929, 0.2773$.

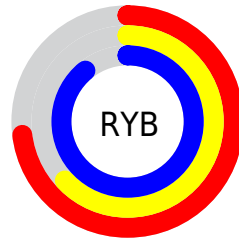
Distribution



Red (73%)

Green (63%)

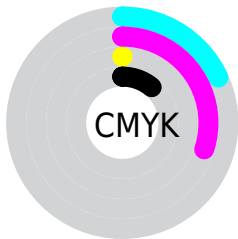
Blue (89%)



Red (73%)

Yellow (63%)

Blue (89%)

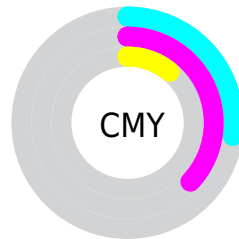


Cyan (18%)

Magenta (30%)

Yellow (0%)

Black (11%)



Cyan (27%)

Magenta (37%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.0020, 0.2805, 0.2476 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 41.0020, 0.2805, 0.2476 by changing the saturation by 10% instead.

■ 41.0020, 0.2805,
0.2476

■ 41.0020, 0.2805,
0.2476

350.3290, 0.2973,
0.2867

■ 28.3206, 0.2761,
0.2384

■ 76.6869, 0.2867,
0.2614

■ 18.5675, 0.2705,
0.2269

■ 100.4593, 0.2891,
0.2667

■ 11.3582, 0.2629,
0.2122

128.6975, 0.2910,
0.2713

■ 6.3083, 0.2522,
0.1927

161.7858, 0.2926,
0.2752

■ 3.0334, 0.2364,
0.1663

200.1087, 0.2941,
0.2786

■ 1.1492, 0.2109,
0.1289

244.0506, 0.2953,


■ 0.0196, 0.1717,


0.2816


0.0060


293.9959, 0.2964,
0.2843


 0.0000, 0.0000,
0.0000


 41.0020, 0.2805,
0.2476


 41.0020, 0.2805,
0.2476


 32.1578, 0.2666,
0.2165


 51.4634, 0.2929,
0.2773


 24.8422, 0.2515,
0.1850


 63.6143, 0.3038,
0.3050

 18.9659, 0.2356,
0.1546

 77.5285, 0.3131,
0.3301

 14.4275, 0.2196,
0.1271

 93.2740, 0.3211,
0.3528

 11.1123, 0.2045,
0.1043

 98.3266, 0.3292,
0.3562

■ 8.8846, 0.1909,
0.0874

■ 7.5251, 0.1796,
0.0765

■ 7.4697, 0.1791,
0.0760

Harmonies

Analogous

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



41.0020, 0.2382, 0.2424



41.0020, 0.2805, 0.2476



41.0020, 0.3356, 0.2702

Triad

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



41.0020, 0.2805, 0.2476



41.0020, 0.4182, 0.3901



41.0020, 0.2402, 0.3481

Complementary

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



41.0020, 0.2805, 0.2476



70.0334, 0.3384, 0.4074

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.



41.0020, 0.2839, 0.4006



41.0020, 0.2805, 0.2476



41.0020, 0.3873, 0.4214

Square

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



41.0020, 0.2805, 0.2476



41.0020, 0.4194, 0.3483



41.0020, 0.3377, 0.4282



41.0020, 0.2166, 0.2946

Rectangle

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



41.0020, 0.2805, 0.2476



41.0020, 0.3722, 0.2929



41.0020, 0.3377, 0.4282



41.0020, 0.2529, 0.3670

Sweetspot

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



41.0037, 0.2805, 0.2476



83.5963, 0.3042, 0.3062



55.4655, 0.2668, 0.2985



17.3637, 0.3028, 0.3023



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.



41.0037, 0.2805, 0.2476



46.5574, 0.2727, 0.2300



45.6020, 0.3084, 0.2540



14.1482, 0.3038, 0.3051



4.4172, 0.1806, 0.0768



0.3780, 0.1969, 0.0858

Inverse Universe

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



45.7338, 0.3380, 0.2816



53.6968, 0.3445, 0.2721



65.9083, 0.3147, 0.4135



14.5191, 0.3195, 0.3144



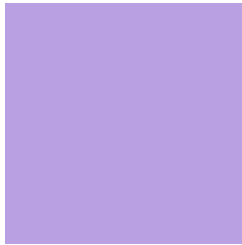
10.6897, 0.4430, 0.2214



0.8078, 0.4204, 0.2090

Previews

White Background



This preview shows how the Yxy color 41.0020, 0.2805, 0.2476 looks on a white background.

Color Contrast Check

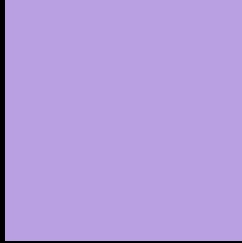
Large Text (above 18pt) WCAG AA × Fail

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 41.0020, 0.2805, 0.2476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

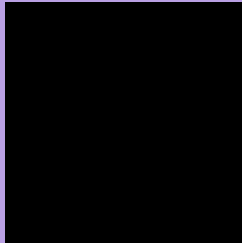
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.0020, 0.2805, 0.2476

Background



This preview shows how black text looks on a background with the Yxy color 41.0020, 0.2805, 0.2476.



This preview shows how white text looks on a background with the Yxy color 41.0020, 0.2805, 0.2476.

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

41.0020, 0.2805, 0.2476

Protanopia

41.0888, 0.2528, 0.2463

Deuteranopia

41.1831, 0.2626, 0.2570



Tritanopia

41.1004, 0.3090, 0.3116

Trichromacy



Original Color

41.0020, 0.2805, 0.2476

Protanomaly

41.0413, 0.2628, 0.2475

Deuteranomaly

41.0883, 0.2683, 0.2533

Tritanomaly

41.0530, 0.2987, 0.2875

Monochromacy



Original Color

41.0020, 0.2805, 0.2476

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.2282, 0.3010, 0.2977

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.0020, 0.2805, 0.2476 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(185, 160, 227)` looks like.

```
.text, #text, p{  
    color:rgb(185, 160, 227)  
}
```

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(185, 160, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 160, 227) }
```

Border

The CSS property to change the border of an element to Yxy 41.0020, 0.2805, 0.2476 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(185, 160, 227) }
```

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

```
.border{ border-color:rgb(185, 160, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 160, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 160, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 160, 227);  
box-shadow:4px 4px 4px 4px rgb(185, 160,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0020, 0.2805, 0.2476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 160, 227) }
```

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

```
.background{ background-color: rgb(185,  
160, 227) }
```

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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