

Converting Colors

$Yxy(41.2129, 0.2776, 0.2456)$

Have a look what the booklet for
Yxy(41.2129, 0.2776, 0.2456)
contains.

Yxy(41.3933, 0.2776, 0.2455)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(41.3933, 0.2776, 0.2455)

Conversions

Conversions Part 1

Format	Color
Hex	B8A1E6
RGB	184, 161, 230
RGB Percent	72%, 63%, 90%
CMY	0.2783, 0.3687, 0.0979
CMYK	0.20, 0.30, 0.00, 0.10
HSL	260°, 58%, 77%
HSV	260°, 30%, 90%
XYZ	46.8056, 41.3933, 80.4092
YIQ	175.7430, -8.4410, 26.3350

Conversions

Conversions Part 2

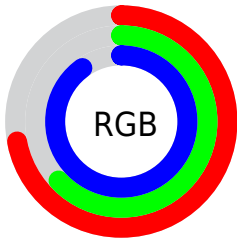
Format	Color
RYB	184, 161, 230
Decimal	12100070
CIELab	70.45, 22.21, -31.73
CIElCh	70, 38.727, 304.995
Yxy	41.3933, 0.2776, 0.2455
Android (android.graphics.Color)	4290290150 (0xFFB8A1E6)
YUV	175.7430, 26.7487, 7.2414
Hunter-Lab	64.3376, 17.2679, -29.0644

Details

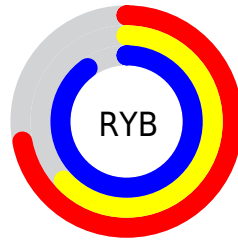
The Yxy color $41.3933, 0.2776, 0.2455$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $72.4465, 0.3408, 0.4083$, and the grayscale version is $43.1402, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.0325, 0.3047, 0.2899$, and $18.7391, 0.2671, 0.2243$ is the 20% darker color. If you saturate the color by 10%, you get $32.2908, 0.2628, 0.2139$, and if you desaturate by 10%, it is $52.1830, 0.2909, 0.2756$.

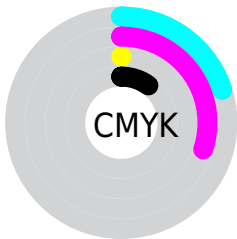
Distribution



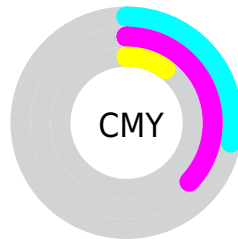
- Red (72%)
- Green (63%)
- Blue (90%)



- Red (72%)
- Yellow (63%)
- Blue (90%)



- Cyan (20%)
- Magenta (30%)
- Yellow (0%)
- Black (10%)





- Cyan (28%)
- Magenta (37%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.3933, 0.2776, 0.2455 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 41.3933, 0.2776, 0.2455 by changing the saturation by 10% instead.


 41.3933, 0.2776,
0.2455

 41.3933, 0.2776,
0.2455

351.9617, 0.2959,
0.2855

 28.6265, 0.2729,
0.2361


 77.2806, 0.2843,
0.2596

 18.7985, 0.2669,
0.2244


 101.1699, 0.2868,
0.2650

 11.5248, 0.2588,
0.2095


129.5355, 0.2889,
0.2697

 6.4210, 0.2475,
0.1899

162.7618, 0.2907,
0.2737

 3.1027, 0.2308,
0.1633

201.2331, 0.2923,
0.2772

 1.1856, 0.2044,
0.1261

245.3340, 0.2936,

 0.0499, 0.1641,

0.2803

0.0139

295.4487, 0.2948,
0.2831

0.0000, 0.0000,
0.0000

41.3933, 0.2776,
0.2455

41.3933, 0.2776,
0.2455

32.2908, 0.2628,
0.2139

52.1830, 0.2909,
0.2756

24.7827, 0.2467,
0.1818

64.7360, 0.3026,
0.3036

18.7748, 0.2300,
0.1509

79.1299, 0.3127,
0.3290

14.1607, 0.2134,
0.1231

95.4360, 0.3213,
0.3517

10.8193, 0.1979,
0.1001

98.4950, 0.3273,
0.3532

■ 8.6075, 0.1843,
0.0834

■ 7.2851, 0.1733,
0.0729

Harmonies

Analogous

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



41.3933, 0.2354, 0.2410



41.3933, 0.2776, 0.2455



41.3933, 0.3335, 0.2678

Triad

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



41.3933, 0.2776, 0.2455



41.3933, 0.4211, 0.3894



41.3933, 0.2403, 0.3510

Complementary

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



41.3933, 0.2776, 0.2455



72.4465, 0.3408, 0.4083

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.



41.3933, 0.2855, 0.4041



41.3933, 0.2776, 0.2455



41.3933, 0.3905, 0.4223

Square

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



41.3933, 0.2776, 0.2455



41.3933, 0.4209, 0.3466



41.3933, 0.3405, 0.4308



41.3933, 0.2154, 0.2959

Rectangle

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



41.3933, 0.2776, 0.2455



41.3933, 0.3711, 0.2905



41.3933, 0.3405, 0.4308



41.3933, 0.2535, 0.3702

Sweetspot

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



41.3950, 0.2776, 0.2455



83.4366, 0.3037, 0.3061



57.9243, 0.2664, 0.3008



17.3246, 0.3021, 0.3022



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.



41.3950, 0.2776, 0.2455



44.9356, 0.2686, 0.2260



46.1859, 0.3063, 0.2522



14.1198, 0.3032, 0.3051



4.1829, 0.1748, 0.0737



0.3585, 0.1908, 0.0825

Inverse Universe

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



46.8166, 0.3361, 0.2778



52.9260, 0.3424, 0.2670



68.0111, 0.3163, 0.4148



14.5291, 0.3189, 0.3135



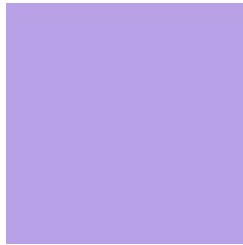
10.8536, 0.4273, 0.2127



0.8191, 0.4078, 0.2020

Previews

White Background



This preview shows how the Yxy color 41.3933, 0.2776, 0.2455 looks on a white background.

Color Contrast Check

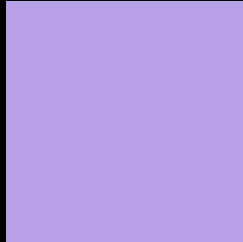
Large Text (above 18pt) WCAG AA × Fail

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 41.3933, 0.2776, 0.2455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

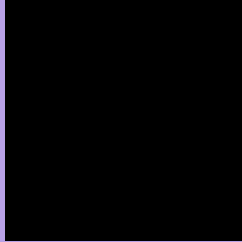
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.3933, 0.2776, 0.2455

Background



This preview shows how black text looks on a background with the Yxy color 41.3933, 0.2776, 0.2455.



This preview shows how white text looks on a background with the Yxy color 41.3933, 0.2776, 0.2455.

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

41.3933, 0.2776, 0.2455

Protanopia

41.6362, 0.2513, 0.2444

Deuteranopia

41.6200, 0.2601, 0.2549



Tritanopia

41.3985, 0.3073, 0.3116

Trichromacy



Original Color

41.3933, 0.2776, 0.2455

Protanomaly

41.4705, 0.2603, 0.2454

Deuteranomaly

41.5101, 0.2657, 0.2512

Tritanomaly

41.3913, 0.2962, 0.2862

Monochromacy



Original Color

41.3933, 0.2776, 0.2455

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.6950, 0.2994, 0.2965

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3933, 0.2776, 0.2455 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(184, 161, 230)` looks like.

```
.text, #text, p{  
    color:rgb(184, 161, 230)  
}
```

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(184, 161, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 161, 230) }
```

Border

The CSS property to change the border of an element to Yxy 41.3933, 0.2776, 0.2455 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(184, 161, 230) }
```

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

```
.border{ border-color:rgb(184, 161, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 161, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 161, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 161, 230);  
box-shadow:4px 4px 4px 4px rgb(184, 161,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3933, 0.2776, 0.2455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 161, 230) }
```

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

```
.background{ background-color: rgb(184,  
161, 230) }
```

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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