

Converting Colors

Yxy(39.9651, 0.2717, 0.2440)

Have a look what the booklet for
Yxy(39.9651, 0.2717, 0.2440)
contains.

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Color

Yxy(40.0289, 0.2718, 0.2439)

Conversions

Conversions Part 1

Format	Color
Hex	B0A0E5
RGB	176, 160, 229
RGB Percent	69%, 63%, 90%
CMY	0.3100, 0.3725, 0.1021
CMYK	0.23, 0.30, 0.00, 0.10
HSL	254°, 57%, 76%
HSV	254°, 30%, 90%
XYZ	44.6079, 40.0289, 79.4834
YIQ	172.6500, -12.6130, 24.8510

Conversions

Conversions Part 2

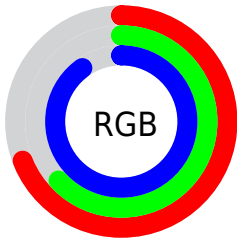
Format	Color
R _Y B	176, 160, 229
Decimal	11575525
CIE Lab	69.49, 20.07, -32.68
CIE LCh	69, 38.355, 301.553
Yxy	40.0289, 0.2718, 0.2439
Android (android.graphics.Color)	4289765605 (0xFFB0A0E5)
YUV	172.6500, 27.7806, 2.9380
Hunter-Lab	63.2684, 15.1331, -30.1975

Details

The Yxy color $40.0289, 0.2718, 0.2439$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $72.7138, 0.3461, 0.4072$, and the grayscale version is $41.4612, 0.3127, 0.3290$.

A 20% lighter version of the original color is $72.9767, 0.2986, 0.2881$, and $17.8798, 0.2594, 0.2216$ is the 20% darker color. If you saturate the color by 10%, you get $30.8878, 0.2548, 0.2112$, and if you desaturate by 10%, it is $50.9014, 0.2872, 0.2748$.

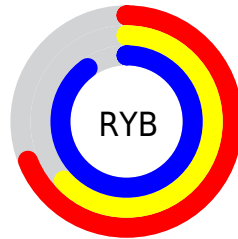
Distribution



Red (69%)

Green (63%)

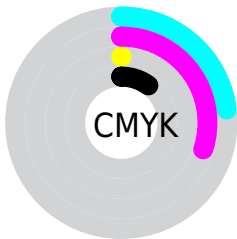
Blue (90%)



Red (69%)

Yellow (63%)

Blue (90%)

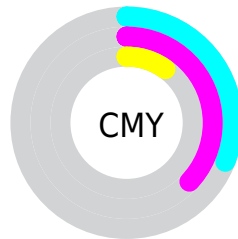


Cyan (23%)

Magenta (30%)

Yellow (0%)

Black (10%)



Cyan (31%)


Magenta (37%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.0289, 0.2718, 0.2439 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 40.0289, 0.2718, 0.2439 by changing the saturation by 10% instead.


 40.0289, 0.2718,
0.2439


 40.0289, 0.2718,
0.2439


346.2454, 0.2930,
0.2850

 27.5611, 0.2664,
0.2342


 75.2075, 0.2796,
0.2584

 17.9951, 0.2594,
0.2221


 98.6871, 0.2825,
0.2640

 10.9464, 0.2501,
0.2066


126.6061, 0.2849,
0.2688

 6.0308, 0.2371,
0.1862

159.3488, 0.2870,
0.2729

 2.8638, 0.2181,
0.1585

197.2997, 0.2888,
0.2765

 1.0611, 0.1884,
0.1198

240.8432, 0.2904,

 0.0000, 0.1327,

0.2796

0.0000

290.3636, 0.2918,
0.2824

0.0000, 0.0000,
0.0000

40.0289, 0.2718,
0.2439

40.0289, 0.2718,
0.2439

30.8878, 0.2548,
0.2112

50.9014, 0.2872,
0.2748

23.3826, 0.2367,
0.1778

63.5842, 0.3008,
0.3032

17.4162, 0.2182,
0.1456

78.1572, 0.3126,
0.3287

12.8786, 0.2003,
0.1166

94.6942, 0.3227,
0.3514

9.6452, 0.1843,
0.0930

98.4356, 0.3280,
0.3542

■ 7.5686, 0.1712,
0.0763

■ 6.4105, 0.1616,
0.0664

Harmonies

Analogous

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



40.0289, 0.2317, 0.2417



40.0289, 0.2718, 0.2439



40.0289, 0.3268, 0.2644

Triad

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



40.0289, 0.2718, 0.2439



40.0289, 0.4229, 0.3849



40.0289, 0.2445, 0.3577

Complementary

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



40.0289, 0.2718, 0.2439



72.7138, 0.3461, 0.4072

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.



40.0289, 0.2915, 0.4090



40.0289, 0.2718, 0.2439



40.0289, 0.3954, 0.4196

Square

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



40.0289, 0.2718, 0.2439



40.0289, 0.4188, 0.3415



40.0289, 0.3468, 0.4316



40.0289, 0.2169, 0.3015

Rectangle

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



40.0289, 0.2718, 0.2439



40.0289, 0.3650, 0.2862



40.0289, 0.3468, 0.4316



40.0289, 0.2584, 0.3767

Sweetspot

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



40.0305, 0.2718, 0.2439



83.0270, 0.3021, 0.3060



61.2417, 0.2674, 0.3107



17.2242, 0.3003, 0.3021



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.



40.0305, 0.2718, 0.2439



43.7276, 0.2616, 0.2241



44.4242, 0.2994, 0.2504



14.0471, 0.3016, 0.3049



3.7112, 0.1628, 0.0671



0.3157, 0.1770, 0.0749

Inverse Universe

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



46.6089, 0.3299, 0.2702



53.4534, 0.3343, 0.2582



68.2128, 0.3218, 0.4136



14.5552, 0.3173, 0.3111



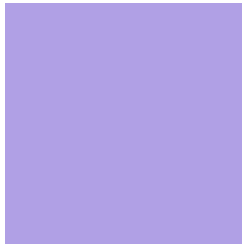
11.3373, 0.3894, 0.1919



0.8517, 0.3774, 0.1853

Previews

White Background



This preview shows how the Yxy color 40.0289, 0.2718, 0.2439 looks on a white background.

Color Contrast Check

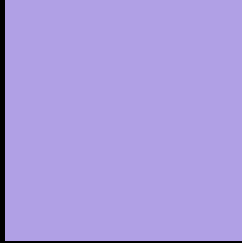
Large Text (above 18pt) WCAG AA × Fail

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 40.0289, 0.2718, 0.2439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

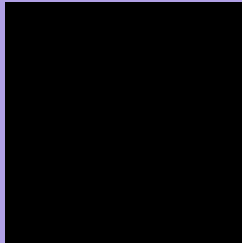
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.0289, 0.2718, 0.2439

Background



This preview shows how black text looks on a background with the Yxy color 40.0289, 0.2718, 0.2439.



This preview shows how white text looks on a background with the Yxy color 40.0289, 0.2718, 0.2439.

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

40.0289, 0.2718, 0.2439

Protanopia

40.1196, 0.2498, 0.2422

Deuteranopia

40.1089, 0.2568, 0.2503



Tritanopia

39.9688, 0.3002, 0.3111

Trichromacy



Original Color

40.0289, 0.2718, 0.2439

Protanomaly

39.8050, 0.2568, 0.2418

Deuteranomaly

39.8337, 0.2622, 0.2476

Tritanomaly

39.9420, 0.2893, 0.2852

Monochromacy



Original Color

40.0289, 0.2718, 0.2439

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.8542, 0.2975, 0.2958

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.0289, 0.2718, 0.2439 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(176, 160, 229)` looks like.

```
.text, #text, p{  
    color:rgb(176, 160, 229)  
}
```

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(176, 160, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 160, 229) }
```

Border

The CSS property to change the border of an element to Yxy 40.0289, 0.2718, 0.2439 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(176, 160, 229) }
```

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

```
.border{ border-color:rgb(176, 160, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 160, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 160, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 160, 229);  
box-shadow:4px 4px 4px 4px rgb(176, 160,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 40.0289, 0.2718, 0.2439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 160, 229) }
```

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

```
.background{ background-color: rgb(176,  
160, 229) }
```

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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