

Converting Colors

$Y_{xy}(39.4271, 0.2604, 0.2221)$

Have a look what the booklet for
Yxy(39.4271, 0.2604, 0.2221)
contains.

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Color

Yxy(39.2654, 0.2606, 0.2220)

Conversions

Conversions Part 1

Format	Color
Hex	B09BF5
RGB	176, 155, 245
RGB Percent	69%, 61%, 96%
CMY	0.3101, 0.3920, 0.0393
CMYK	0.28, 0.37, 0.00, 0.04
HSL	254°, 82%, 78%
HSV	254°, 37%, 96%
XYZ	46.0926, 39.2654, 91.5131
YIQ	171.5390, -16.3740, 32.4420

Conversions

Conversions Part 2

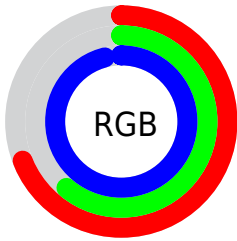
Format	Color
R _Y B	176, 155, 245
Decimal	11574261
CIE Lab	68.94, 26.69, -42.29
CIE LCh	69, 50.009, 302.260
Yxy	39.2654, 0.2606, 0.2220
Android (android.graphics.Color)	4289764341 (0xFFB09BF5)
YUV	171.5390, 36.2163, 3.9123
Hunter-Lab	62.6621, 21.6413, -42.7250

Details

The Yxy color **39.2654, 0.2606, 0.2220** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **83.5140, 0.3531, 0.4254**, and the grayscale version is **40.8280, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.6368, 0.2992, 0.2830**, and **17.5964, 0.2453, 0.1970** is the 20% darker color. If you saturate the color by 10%, you get **29.8803, 0.2427, 0.1886**, and if you desaturate by 10%, it is **50.6111, 0.2771, 0.2544**.

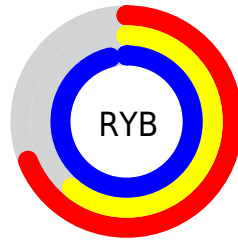
Distribution



Red (69%)

Green (61%)

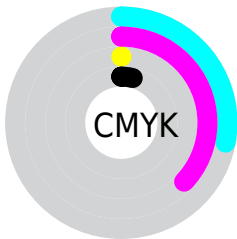
Blue (96%)



Red (69%)

Yellow (61%)

Blue (96%)

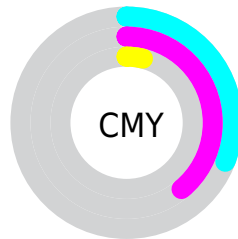


Cyan (28%)

Magenta (37%)

Yellow (0%)

Black (4%)



Cyan (31%)


Magenta (39%)


Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.2654, 0.2606, 0.2220 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 39.2654, 0.2606, 0.2220 by changing the saturation by 10% instead.

 39.2654, 0.2606,
0.2220


 39.2654, 0.2606,
0.2220


343.0175, 0.2875,
0.2726

 26.9663, 0.2538,
0.2104


 74.0436, 0.2705,
0.2396

 17.5479, 0.2451,
0.1962


 97.2914, 0.2742,
0.2464

 10.6259, 0.2336,
0.1784


124.9576, 0.2773,
0.2523

 5.8159, 0.2180,
0.1557

157.4265, 0.2799,
0.2574

 2.7334, 0.1958,
0.1263

195.0826, 0.2822,
0.2619

 0.9942, 0.1630,
0.0882

238.3102, 0.2842,

 0.0000, 0.1119,

0.2659

0.0000

287.4937, 0.2860,
0.2694

■ 0.0000, 0.0000,
0.0000

■ 39.2654, 0.2606,
0.2220

■ 39.2654, 0.2606,
0.2220

■ 29.8803, 0.2427,
0.1886

■ 50.6111, 0.2771,
0.2544

■ 22.3381, 0.2242,
0.1557

■ 64.0167, 0.2920,
0.2846

■ 16.5156, 0.2060,
0.1253

■ 79.5802, 0.3050,
0.3121

■ 12.2721, 0.1892,
0.0997

■ 97.3918, 0.3162,
0.3368

■ 9.4438, 0.1750,
0.0807

■ 99.3709, 0.3185,
0.3386

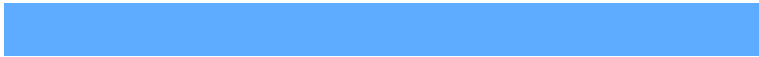
■ 7.8262, 0.1643,
0.0690

■ 7.4589, 0.1615,
0.0663

Harmonies

Analogous

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



39.2654, 0.2103, 0.2177



39.2654, 0.2606, 0.2220



39.2654, 0.3319, 0.2479

Triad

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



39.2654, 0.2606, 0.2220



39.2654, 0.4550, 0.3979



39.2654, 0.2229, 0.3642

Complementary

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



39.2654, 0.2606, 0.2220



83.5140, 0.3531, 0.4254

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.



39.2654, 0.2816, 0.4360



39.2654, 0.2606, 0.2220



39.2654, 0.4163, 0.4451

Square

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



39.2654, 0.2606, 0.2220



39.2654, 0.4526, 0.3431



39.2654, 0.3524, 0.4653



39.2654, 0.1903, 0.2893

Rectangle

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



39.2654, 0.2606, 0.2220



39.2654, 0.3824, 0.2749



39.2654, 0.3524, 0.4653



39.2654, 0.2400, 0.3907

Sweetspot

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



39.2669, 0.2606, 0.2220



79.5336, 0.2996, 0.3006



67.6759, 0.2580, 0.3060



16.5277, 0.2978, 0.2969



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.



39.2669, 0.2606, 0.2220



35.2265, 0.2475, 0.1974



45.1803, 0.2955, 0.2319



16.1125, 0.3015, 0.3048



4.0709, 0.1627, 0.0670



0.4026, 0.1745, 0.0735

Inverse Universe

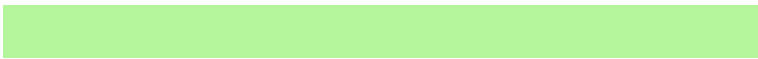
The Inverse Universe completely reimagines the original color for something new.



48.2464, 0.3349, 0.2571



46.4977, 0.3407, 0.2431



77.4211, 0.3233, 0.4353



16.6985, 0.3174, 0.3110



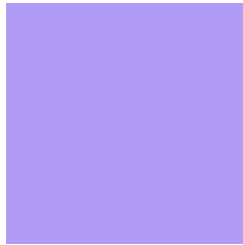
12.4376, 0.3901, 0.1923



1.1087, 0.3796, 0.1865

Previews

White Background



This preview shows how the Yxy color 39.2654, 0.2606, 0.2220 looks on a white background.

Color Contrast Check

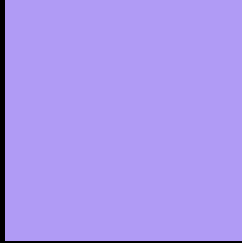
Large Text (above 18pt) WCAG AA × Fail

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 39.2654, 0.2606, 0.2220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

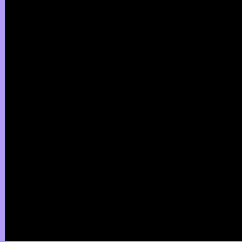
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.2654, 0.2606, 0.2220

Background



This preview shows how black text looks on a background with the Yxy color 39.2654, 0.2606, 0.2220.



This preview shows how white text looks on a background with the Yxy color 39.2654, 0.2606, 0.2220.

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

39.2654, 0.2606, 0.2220

Protanopia

39.4693, 0.2318, 0.2187

Deuteranopia

39.5975, 0.2383, 0.2322



Tritanopia

39.1280, 0.2975, 0.3109

Trichromacy



Original Color

39.2654, 0.2606, 0.2220

Protanomaly

39.1302, 0.2411, 0.2189

Deuteranomaly

39.4014, 0.2453, 0.2281

Tritanomaly

38.8788, 0.2836, 0.2747

Monochromacy



Original Color

39.2654, 0.2606, 0.2220

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.2802, 0.2918, 0.2855

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2654, 0.2606, 0.2220 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, 155, 245)` looks like.

```
.text, #text, p{  
    color:rgb(176, 155, 245)  
}
```

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, 155, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 155, 245) }
```

Border

The CSS property to change the border of an element to Yxy 39.2654, 0.2606, 0.2220 is called "border". The border property can be set on classes, ids or directly on the HTML element.

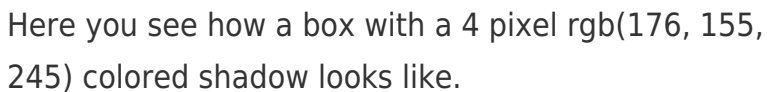
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 155, 245) }
```

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

```
.border{ border-color:rgb(176, 155, 245) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 155, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 155, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 155, 245); box-shadow:4px 4px 4px 4px rgb(176, 155, 245) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2654, 0.2606, 0.2220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 155, 245) }
```

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

```
.background{ background-color: rgb(176,  
155, 245) }
```

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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