

Converting Colors

Yxy(41.4606, 0.2471, 0.2204)

Have a look what the booklet for
Yxy(41.4606, 0.2471, 0.2204)
contains.

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Color

Yxy(41.6634, 0.2474, 0.2210)

Conversions

Conversions Part 1

Format	Color
Hex	A4A4FF
RGB	164, 164, 255
RGB Percent	64%, 64%, 100%
CMY	0.3568, 0.3569, 0.0000
CMYK	0.36, 0.36, 0.00, 0.00
HSL	240°, 100%, 82%
HSV	240°, 36%, 100%
XYZ	46.6404, 41.6634, 100.2184
YIQ	174.3740, -29.2110, 28.3010

Conversions

Conversions Part 2

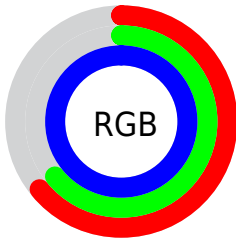
Format	Color
RYB	164, 164, 255
Decimal	10790143
CIELab	70.64, 20.94, -45.17
CIELCh	71, 49.787, 294.867
Yxy	41.6634, 0.2474, 0.2210
Android (android.graphics.Color)	4288980223 (0xFFA4A4FF)
YUV	174.3740, 39.7486, -9.0980
Hunter-Lab	64.5472, 16.0226, -46.8728

Details

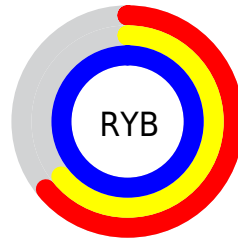
The Yxy color **41.6634, 0.2474, 0.2210** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **95.4573, 0.3666, 0.4181**, and the grayscale version is **42.3323, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.2552, 0.2912, 0.2915**, and **18.8537, 0.2288, 0.1945** is the 20% darker color. If you saturate the color by 10%, you get **30.9867, 0.2257, 0.1851**, and if you desaturate by 10%, it is **54.7123, 0.2681, 0.2553**.

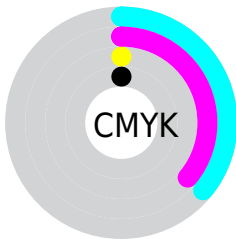
Distribution



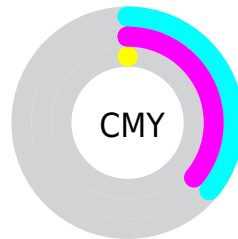
- Red (64%)
- Green (64%)
- Blue (100%)



- Red (64%)
- Yellow (64%)
- Blue (100%)



- Cyan (36%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)



- Cyan (36%)
- Magenta (36%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.6634, 0.2474, 0.2210 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 41.6634, 0.2474, 0.2210 by changing the saturation by 10% instead.

41.6634, 0.2474,
0.2210

41.6634, 0.2474,
0.2210

353.0857, 0.2802,
0.2718

28.8378, 0.2394,
0.2095

77.6899, 0.2592,
0.2386

18.9582, 0.2294,
0.1954

101.6597, 0.2637,
0.2455

11.6401, 0.2164,
0.1778

130.1129, 0.2675,
0.2514

6.4991, 0.1991,
0.1556

163.4341, 0.2707,
0.2565

3.1509, 0.1754,
0.1270

202.0076, 0.2736,
0.2610

1.2110, 0.1419,
0.0903

246.2177, 0.2761,

0.0707, 0.0943,

0.2650

0.0115

296.4490, 0.2782,
0.2686

0.0000, 0.0000,
0.0000

41.6634, 0.2474,
0.2210

41.6634, 0.2474,
0.2210

30.9867, 0.2257,
0.1851

54.7123, 0.2681,
0.2553

22.5412, 0.2042,
0.1496

70.2658, 0.2871,
0.2867

16.1684, 0.1846,
0.1171

88.4447, 0.3040,
0.3147

11.6898, 0.1685,
0.0905

100.0000, 0.3127,
0.3290

8.8966, 0.1572,
0.0720

■ 7.5306, 0.1514,
0.0623

■ 7.2203, 0.1500,
0.0600

Harmonies

Analogous

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



41.6634, 0.2042, 0.2227



41.6634, 0.2474, 0.2210



41.6634, 0.3132, 0.2416

Triad

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



41.6634, 0.2474, 0.2210



41.6634, 0.4554, 0.3838



41.6634, 0.2371, 0.3825

Complementary

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



41.6634, 0.2474, 0.2210



95.4573, 0.3666, 0.4181

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.



41.6634, 0.2992, 0.4450



41.6634, 0.2474, 0.2210



41.6634, 0.4265, 0.4330

Square

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



41.6634, 0.2474, 0.2210



41.6634, 0.4417, 0.3299



41.6634, 0.3686, 0.4610



41.6634, 0.1981, 0.3068

Rectangle

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



41.6634, 0.2474, 0.2210



41.6634, 0.3630, 0.2656



41.6634, 0.3686, 0.4610



41.6634, 0.2558, 0.4069

Sweetspot

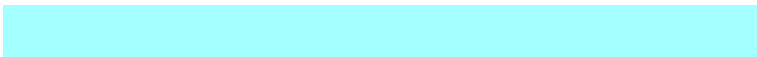
The Sweet Spot groups the original color and five complimentary colors.



41.6628, 0.2474, 0.2210



78.4543, 0.2953, 0.3002



86.6320, 0.2624, 0.3289



16.2727, 0.2930, 0.2964



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.



41.6628, 0.2474, 0.2210



33.6312, 0.2316, 0.1949



47.3972, 0.2806, 0.2302



17.3780, 0.2978, 0.3044



3.7728, 0.1500, 0.0600



0.3674, 0.1500, 0.0600

Inverse Universe

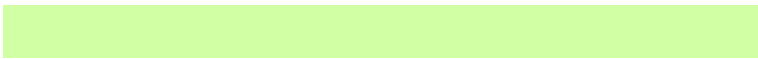
The Inverse Universe completely reimagines the original color for something new.



55.0283, 0.3169, 0.2403



48.8368, 0.3177, 0.2233



87.8282, 0.3358, 0.4281



18.3004, 0.3138, 0.3056



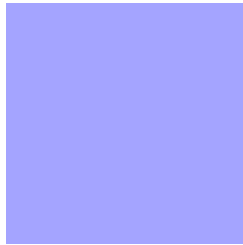
14.8800, 0.3210, 0.1542



1.4488, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 41.6634, 0.2474, 0.2210 looks on a white background.

Color Contrast Check

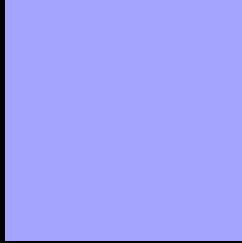
Large Text (above 18pt) WCAG AA × Fail

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 41.6634, 0.2474, 0.2210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

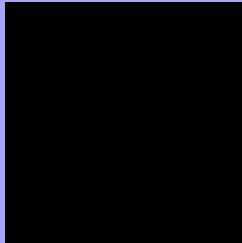
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.6634, 0.2474, 0.2210

Background



This preview shows how black text looks on a background with the Yxy color 41.6634, 0.2474, 0.2210.



This preview shows how white text looks on a background with the Yxy color 41.6634, 0.2474, 0.2210.

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

41.6634, 0.2474, 0.2210

Protanopia

41.8987, 0.2359, 0.2250

Deuteranopia

41.6209, 0.2336, 0.2273



Tritanopia

41.6899, 0.2798, 0.3094

Trichromacy



Original Color

41.6634, 0.2474, 0.2210

Protanomaly

41.8046, 0.2397, 0.2236

Deuteranomaly

41.3641, 0.2378, 0.2239

Tritanomaly

41.3286, 0.2672, 0.2733

Monochromacy



Original Color

41.6634, 0.2474, 0.2210

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.6073, 0.2865, 0.2856

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.6634, 0.2474, 0.2210 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(164, 164, 255)` looks like.

```
.text, #text, p{  
  color:rgb(164, 164, 255)  
}
```

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(164, 164, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 164, 255) }
```

Border

The CSS property to change the border of an element to Yxy 41.6634, 0.2474, 0.2210 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(164, 164, 255) }
```

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

```
.border{ border-color:rgb(164, 164, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 164, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 164, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 164, 255);  
box-shadow:4px 4px 4px 4px rgb(164, 164,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 41.6634, 0.2474, 0.2210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 164, 255) }
```

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

```
.background{ background-color: rgb(164,  
164, 255) }
```

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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