

Converting Colors

$Yxy(41.4117, 0.2703, 0.2446)$

Have a look what the booklet for
Yxy(41.4117, 0.2703, 0.2446)
contains.

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Color

Yxy(41.3677, 0.2708, 0.2447)

Conversions

Conversions Part 1

Format	Color
Hex	B1A3E8
RGB	177, 163, 232
RGB Percent	69%, 64%, 91%
CMY	0.3062, 0.3607, 0.0902
CMYK	0.24, 0.30, 0.00, 0.09
HSL	252°, 60%, 77%
HSV	252°, 30%, 91%
XYZ	45.7800, 41.3677, 81.9070
YIQ	175.0520, -13.8050, 24.4270

Conversions

Conversions Part 2

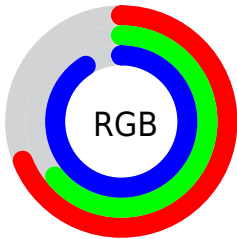
Format	Color
R _Y B	177, 163, 232
Decimal	11641832
CIE Lab	70.43, 19.38, -32.87
CIE LCh	70, 38.160, 300.524
Yxy	41.3677, 0.2708, 0.2447
Android (android.graphics.Color)	4289831912 (0xFFB1A3E8)
YUV	175.0520, 28.0754, 1.7084
Hunter-Lab	64.3177, 14.4966, -30.4819

Details

The Yxy color $41.3677, 0.2708, 0.2447$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $75.2722, 0.3473, 0.4058$, and the grayscale version is $42.7521, 0.3127, 0.3290$.

A 20% lighter version of the original color is $74.8552, 0.2999, 0.2914$, and $18.7144, 0.2584, 0.2229$ is the 20% darker color. If you saturate the color by 10%, you get $31.8426, 0.2533, 0.2117$, and if you desaturate by 10%, it is $52.7024, 0.2867, 0.2758$.

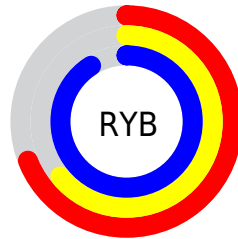
Distribution



Red (69%)

Green (64%)

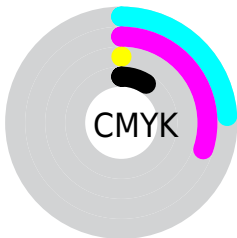
Blue (91%)



Red (69%)

Yellow (64%)

Blue (91%)

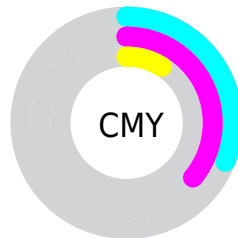


Cyan (24%)

Magenta (30%)

Yellow (0%)

Black (9%)



Cyan (31%)

Magenta (36%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.3677, 0.2708, 0.2447 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 41.3677, 0.2708, 0.2447 by changing the saturation by 10% instead.

■ 41.3677, 0.2708,
0.2447

■ 41.3677, 0.2708,
0.2447

■ 351.8551, 0.2923,
0.2852

■ 28.6065, 0.2653,
0.2352

■ 77.2418, 0.2787,
0.2590

■ 18.7834, 0.2583,
0.2233

■ 101.1234, 0.2816,
0.2645

■ 11.5138, 0.2490,
0.2082

■ 129.4807, 0.2841,
0.2692

■ 6.4136, 0.2362,
0.1883

■ 162.6980, 0.2863,
0.2733

■ 3.0982, 0.2175,
0.1614

■ 201.1597, 0.2881,
0.2768

■ 1.1832, 0.1886,
0.1238

■ 245.2501, 0.2897,

■ 0.0479, 0.1407,

0.2799

0.0130

295.3538, 0.2911,
0.2827

0.0000, 0.0000,
0.0000

41.3677, 0.2708,
0.2447

41.3677, 0.2708,
0.2447

31.8426, 0.2533,
0.2117

52.7024, 0.2867,
0.2758

24.0277, 0.2346,
0.1780

65.9293, 0.3008,
0.3042

17.8213, 0.2157,
0.1453

81.1319, 0.3130,
0.3297

13.1090, 0.1975,
0.1159

97.8590, 0.3236,
0.3514

9.7605, 0.1814,
0.0919

98.6056, 0.3262,
0.3513

■ 7.6229, 0.1684,
0.0750

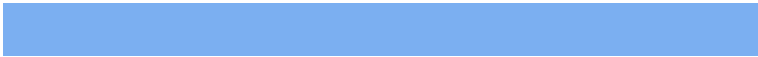
■ 6.4500, 0.1592,
0.0652

■ 6.4240, 0.1590,
0.0650

Harmonies

Analogous

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



41.3677, 0.2319, 0.2433



41.3677, 0.2708, 0.2447



41.3677, 0.3247, 0.2644

Triad

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



41.3677, 0.2708, 0.2447



41.3677, 0.4217, 0.3828



41.3677, 0.2469, 0.3592

Complementary

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



41.3677, 0.2708, 0.2447



75.2722, 0.3473, 0.4058

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.



41.3677, 0.2937, 0.4090



41.3677, 0.2708, 0.2447



41.3677, 0.3956, 0.4173

Square

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



41.3677, 0.2708, 0.2447



41.3677, 0.4164, 0.3399



41.3677, 0.3482, 0.4301



41.3677, 0.2189, 0.3038

Rectangle

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



41.3677, 0.2708, 0.2447



41.3677, 0.3624, 0.2856



41.3677, 0.3482, 0.4301



41.3677, 0.2608, 0.3777

Sweetspot

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



41.3694, 0.2708, 0.2447



82.9100, 0.3017, 0.3060



63.8606, 0.2680, 0.3124



17.1956, 0.2997, 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.



41.3694, 0.2708, 0.2447



43.3940, 0.2596, 0.2235



45.9243, 0.2987, 0.2511



14.0263, 0.3011, 0.3049



3.6090, 0.1601, 0.0656



0.3053, 0.1736, 0.0730

Inverse Universe

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



48.4260, 0.3278, 0.2689



53.6107, 0.3320, 0.2558



70.5081, 0.3225, 0.4122



14.5628, 0.3169, 0.3104



11.4931, 0.3794, 0.1863



0.8620, 0.3692, 0.1808

Previews

White Background



This preview shows how the Yxy color 41.3677, 0.2708, 0.2447 looks on a white background.

Color Contrast Check

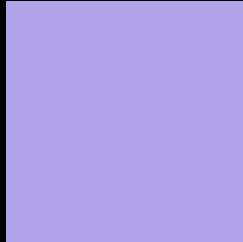
Large Text (above 18pt) WCAG AA × Fail

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 41.3677, 0.2708, 0.2447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

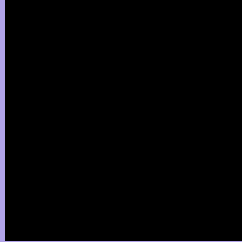
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.3677, 0.2708, 0.2447

Background



This preview shows how black text looks on a background with the Yxy color 41.3677, 0.2708, 0.2447.



This preview shows how white text looks on a background with the Yxy color 41.3677, 0.2708, 0.2447.

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

41.3677, 0.2708, 0.2447

Protanopia

41.5393, 0.2506, 0.2443

Deuteranopia

41.5869, 0.2569, 0.2513



Tritanopia

41.3750, 0.2979, 0.3100

Trichromacy



Original Color

41.3677, 0.2708, 0.2447

Protanomaly

41.2127, 0.2575, 0.2439

Deuteranomaly

41.2995, 0.2622, 0.2486

Tritanomaly

41.3457, 0.2872, 0.2844

Monochromacy



Original Color

41.3677, 0.2708, 0.2447

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.3414, 0.2969, 0.2962

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3677, 0.2708, 0.2447 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(177, 163, 232)` looks like.

```
.text, #text, p{  
    color:rgb(177, 163, 232)  
}
```

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(177, 163, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 163, 232) }
```

Border

The CSS property to change the border of an element to Yxy 41.3677, 0.2708, 0.2447 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(177, 163, 232) }
```

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

```
.border{ border-color:rgb(177, 163, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 163, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 163, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 163, 232);  
box-shadow:4px 4px 4px 4px rgb(177, 163,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3677, 0.2708, 0.2447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 163, 232) }
```

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

```
.background{ background-color: rgb(177,  
163, 232) }
```

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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