

Converting Colors

$Yxy(43.2307, 0.2750, 0.2514)$

Have a look what the booklet for
Yxy(43.2307, 0.2750, 0.2514)
contains.

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Color

Yxy(43.2307, 0.2750, 0.2514)

Conversions

Conversions Part 1

Format	Color
Hex	B5A7E7
RGB	181, 167, 231
RGB Percent	71%, 65%, 91%
CMY	0.2904, 0.3450, 0.0942
CMYK	0.22, 0.28, 0.00, 0.09
HSL	253°, 57%, 78%
HSV	253°, 28%, 91%
XYZ	47.2890, 43.2307, 81.4402
YIQ	178.4820, -12.2000, 22.8720

Conversions

Conversions Part 2

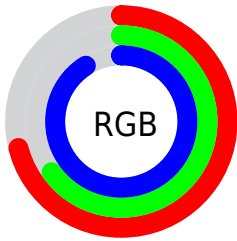
Format	Color
R _Y B	181, 167, 231
Decimal	11904999
CIE Lab	71.71, 18.13, -30.32
CIE LCh	72, 35.328, 300.877
Yxy	43.2307, 0.2750, 0.2514
Android (android.graphics.Color)	4290095079 (0xFFB5A7E7)
YUV	178.4820, 25.8914, 2.2083
Hunter-Lab	65.7501, 13.3187, -27.4135

Details

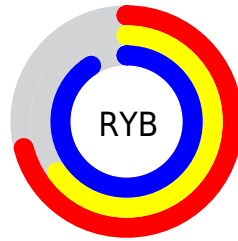
The Yxy color $43.2307, 0.2750, 0.2514$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $74.6919, 0.3442, 0.4006$, and the grayscale version is $44.6527, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.6397, 0.3026, 0.2958$, and $19.8686, 0.2640, 0.2319$ is the 20% darker color. If you saturate the color by 10%, you get $33.4670, 0.2581, 0.2189$, and if you desaturate by 10%, it is $54.7925, 0.2902, 0.2818$.

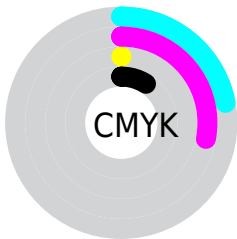
Distribution



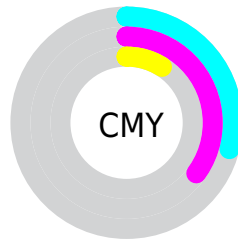
- Red (71%)
- Green (65%)
- Blue (91%)



- Red (71%)
- Yellow (65%)
- Blue (91%)



- Cyan (22%)
- Magenta (28%)
- Yellow (0%)
- Black (9%)




- Cyan (29%)
- Magenta (35%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.2307, 0.2750, 0.2514 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 43.2307, 0.2750, 0.2514 by changing the saturation by 10% instead.


 43.2307, 0.2750,
0.2514


 43.2307, 0.2750,
0.2514


359.5597, 0.2943,
0.2886

 30.0662, 0.2701,
0.2426


 80.0589, 0.2821,
0.2645

 19.8888, 0.2639,
0.2317


 104.4913, 0.2847,
0.2696

 12.3143, 0.2556,
0.2178


133.4485, 0.2869,
0.2739

 6.9581, 0.2442,
0.1994

167.3149, 0.2888,
0.2776

 3.4359, 0.2275,
0.1743

206.4748, 0.2905,
0.2809

 1.3633, 0.2015,
0.1387

251.3126, 0.2919,

 0.1894, 0.1605,

0.2838

0.0488

302.2128, 0.2932,
0.2863

0.0000, 0.0000,
0.0000

43.2307, 0.2750,
0.2514

43.2307, 0.2750,
0.2514

33.4670, 0.2581,
0.2189

54.7925, 0.2902,
0.2818

25.4048, 0.2399,
0.1854

68.2319, 0.3036,
0.3096

18.9466, 0.2212,
0.1525

83.6299, 0.3152,
0.3345

13.9825, 0.2029,
0.1224

98.2123, 0.3256,
0.3523

10.3883, 0.1863,
0.0972

98.5486, 0.3268,
0.3523

■ 8.0193, 0.1725,
0.0788

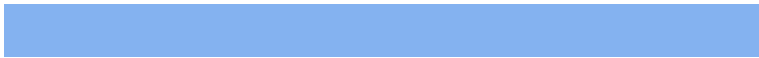
■ 6.6826, 0.1623,
0.0677

■ 6.4552, 0.1604,
0.0657

Harmonies

Analogous

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



43.2307, 0.2387, 0.2501



43.2307, 0.2750, 0.2514



43.2307, 0.3245, 0.2698

Triad

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



43.2307, 0.2750, 0.2514



43.2307, 0.4122, 0.3795



43.2307, 0.2521, 0.3560

Complementary

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



43.2307, 0.2750, 0.2514



74.6919, 0.3442, 0.4006

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.



43.2307, 0.2952, 0.4009



43.2307, 0.2750, 0.2514



43.2307, 0.3884, 0.4104

Square

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



43.2307, 0.2750, 0.2514



43.2307, 0.4074, 0.3401



43.2307, 0.3451, 0.4208



43.2307, 0.2263, 0.3059

Rectangle

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



43.2307, 0.2750, 0.2514



43.2307, 0.3587, 0.2896



43.2307, 0.3451, 0.4208



43.2307, 0.2650, 0.3727

Sweetspot

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



43.2324, 0.2750, 0.2514



84.7665, 0.3032, 0.3087



63.6764, 0.2708, 0.3124



17.5685, 0.3013, 0.3047



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.



43.2324, 0.2750, 0.2514



47.1319, 0.2659, 0.2338



47.5390, 0.3008, 0.2569



14.0378, 0.3014, 0.3049



3.6638, 0.1616, 0.0664



0.3109, 0.1754, 0.0740

Inverse Universe

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



49.6433, 0.3275, 0.2742



56.4239, 0.3311, 0.2631



70.2654, 0.3212, 0.4060



14.5586, 0.3171, 0.3108



11.4060, 0.3849, 0.1894



0.8562, 0.3737, 0.1832

Previews

White Background



This preview shows how the Yxy color 43.2307, 0.2750, 0.2514 looks on a white background.

Color Contrast Check

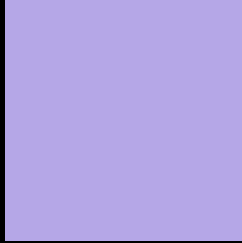
Large Text (above 18pt) WCAG AA × Fail

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 43.2307, 0.2750, 0.2514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

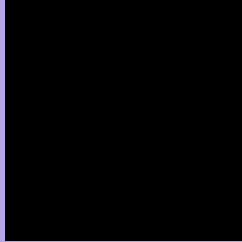
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.2307, 0.2750, 0.2514

Background



This preview shows how black text looks on a background with the Yxy color 43.2307, 0.2750, 0.2514.



This preview shows how white text looks on a background with the Yxy color 43.2307, 0.2750, 0.2514.

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

43.2307, 0.2750, 0.2514

Protanopia

43.2124, 0.2557, 0.2501

Deuteranopia

43.3868, 0.2629, 0.2573



Tritanopia

43.2183, 0.2998, 0.3104

Trichromacy



Original Color

43.2307, 0.2750, 0.2514

Protanomaly

43.1733, 0.2623, 0.2508

Deuteranomaly

43.3850, 0.2677, 0.2557

Tritanomaly

43.0948, 0.2908, 0.2877

Monochromacy



Original Color

43.2307, 0.2750, 0.2514

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.8870, 0.2986, 0.2992

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2307, 0.2750, 0.2514 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(181, 167, 231)` looks like.

```
.text, #text, p{  
    color:rgb(181, 167, 231)  
}
```

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(181, 167, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 167, 231) }
```

Border

The CSS property to change the border of an element to Yxy 43.2307, 0.2750, 0.2514 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(181, 167, 231) }
```

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

```
.border{ border-color:rgb(181, 167, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 167, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 167, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 167, 231);  
box-shadow:4px 4px 4px 4px rgb(181, 167,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2307, 0.2750, 0.2514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 167, 231) }
```

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

```
.background{ background-color: rgb(181,  
167, 231) }
```

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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