

Converting Colors

Yxy(43.4612, 0.3023, 0.2444)

Have a look what the booklet for
Yxy(43.4612, 0.3023, 0.2444)
contains.

Yxy(43.4520, 0.3026, 0.2447)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.4520, 0.3026, 0.2447)

Conversions

Conversions Part 1

Format	Color
Hex	D69BE6
RGB	214, 155, 230
RGB Percent	84%, 61%, 90%
CMY	0.1607, 0.3921, 0.0982
CMYK	0.07, 0.33, 0.00, 0.10
HSL	287°, 60%, 75%
HSV	287°, 33%, 90%
XYZ	53.7334, 43.4520, 80.3871
YIQ	181.1910, 11.0890, 35.8330

Conversions

Conversions Part 2

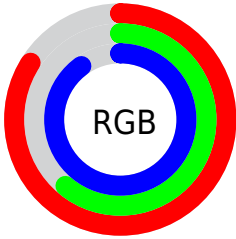
Format	Color
RYB	214, 155, 230
Decimal	14064614
CIELab	71.86, 34.72, -29.28
CIELCh	72, 45.419, 319.864
Yxy	43.4520, 0.3026, 0.2447
Android (android.graphics.Color)	4292254694 (0xFFD69BE6)
YUV	181.1910, 24.0628, 28.7735
Hunter-Lab	65.9181, 30.1483, -26.1614

Details

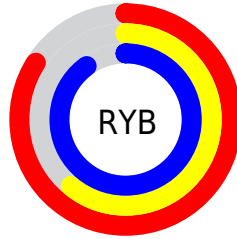
The Yxy color $43.4520, 0.3026, 0.2447$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $67.5903, 0.3188, 0.4226$, and the grayscale version is $46.1811, 0.3127, 0.3290$.

A 20% lighter version of the original color is $74.5732, 0.3148, 0.2851$, and $20.0256, 0.2984, 0.2247$ is the 20% darker color. If you saturate the color by 10%, you get $35.7892, 0.2983, 0.2185$, and if you desaturate by 10%, it is $52.5981, 0.3064, 0.2714$.

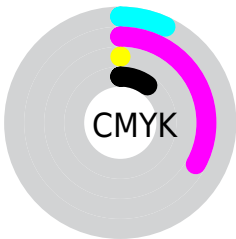
Distribution



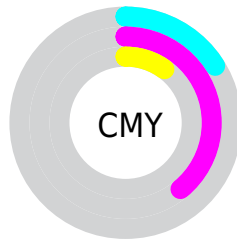
- Red (84%)
- Green (61%)
- Blue (90%)



- Red (84%)
- Yellow (61%)
- Blue (90%)



- Cyan (7%)
- Magenta (33%)
- Yellow (0%)
- Black (10%)




- Cyan (16%)
- Magenta (39%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.4520, 0.3026, 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 43.4520, 0.3026, 0.2447 by changing the saturation by 10% instead.


 43.4520, 0.3026,
0.2447


 43.4520, 0.3026,
0.2447


360.4673, 0.3087,
0.2843

 30.2399, 0.3008,
0.2356


 80.3925, 0.3050,
0.2585

 20.0208, 0.2985,
0.2243


 104.8897, 0.3058,
0.2639

 12.4101, 0.2951,
0.2100


133.9174, 0.3065,
0.2685

 7.0236, 0.2902,
0.1914

167.8600, 0.3071,
0.2725

 3.4769, 0.2824,
0.1665

207.1019, 0.3076,
0.2760

 1.3855, 0.2688,
0.1320

252.0275, 0.3080,

 0.2060, 0.2514,

0.2791

0.0489

303.0212, 0.3084,
0.2819

0.0000, 0.0000,
0.0000

43.4520, 0.3026,
0.2447

43.4520, 0.3026,
0.2447

35.7892, 0.2983,
0.2185

52.5981, 0.3064,
0.2714

29.5209, 0.2934,
0.1937

63.2985, 0.3095,
0.2976

24.5575, 0.2880,
0.1715


75.6263, 0.3121,
0.3227


20.7964, 0.2824,
0.1529

89.6484, 0.3142,
0.3464


18.1196, 0.2767,
0.1386

95.4903, 0.3169,
0.3541


 16.3845, 0.2710,
0.1290

 96.3510, 0.3199,
0.3538

 15.5387, 0.2668,
0.1244

 97.2349, 0.3231,
0.3536

 98.1422, 0.3262,
0.3534

 98.4909, 0.3274,
0.3533

Harmonies

Analogous

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



43.4520, 0.2454, 0.2291



43.4520, 0.3026, 0.2447



43.4520, 0.3691, 0.2779

Triad

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



43.4520, 0.3026, 0.2447



43.4520, 0.4228, 0.4178



43.4520, 0.2127, 0.3205

Complementary

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



43.4520, 0.3026, 0.2447



67.5903, 0.3188, 0.4226

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.



43.4520, 0.2530, 0.3880



43.4520, 0.3026, 0.2447



43.4520, 0.3742, 0.4460

Square

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



43.4520, 0.3026, 0.2447



43.4520, 0.4423, 0.3722



43.4520, 0.3119, 0.4378



43.4520, 0.1981, 0.2653

Rectangle

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



43.4520, 0.3026, 0.2447



43.4520, 0.4078, 0.3069



43.4520, 0.3119, 0.4378



43.4520, 0.2234, 0.3428

Sweetspot

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



43.4539, 0.3026, 0.2447



83.7812, 0.3102, 0.3041



41.8991, 0.2570, 0.2539



17.4813, 0.3098, 0.3005



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.



43.4539, 0.3026, 0.2447



48.3118, 0.2998, 0.2272



44.8509, 0.3352, 0.2693



14.4524, 0.3104, 0.3056



8.8555, 0.2677, 0.1248



0.6931, 0.2759, 0.1293

Inverse Universe

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



43.1997, 0.3718, 0.3108



48.0489, 0.3895, 0.3070



66.6843, 0.2960, 0.3974



14.4179, 0.3259, 0.3240



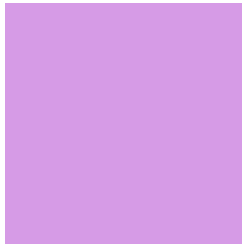
9.6640, 0.6035, 0.3098



0.7276, 0.5632, 0.2876

Previews

White Background



This preview shows how the Yxy color 43.4520, 0.3026, 0.2447 looks on a white background.

Color Contrast Check

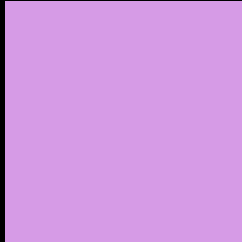
Large Text (above 18pt) WCAG AA × Fail

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 43.4520, 0.3026, 0.2447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

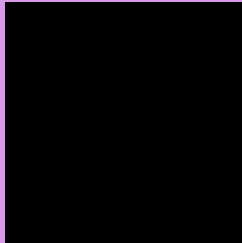
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.4520, 0.3026, 0.2447

Background



This preview shows how black text looks on a background with the Yxy color 43.4520, 0.3026, 0.2447.



This preview shows how white text looks on a background with the Yxy color 43.4520, 0.3026, 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

43.4520, 0.3026, 0.2447

Protanopia

43.7723, 0.2493, 0.2426

Deuteranopia

43.5936, 0.2684, 0.2623



Tritanopia

43.2464, 0.3397, 0.3130

Trichromacy



Original Color

43.4520, 0.3026, 0.2447



Protanomaly

43.0995, 0.2659, 0.2423



Deuteranomaly

43.0088, 0.2801, 0.2549



Tritanomaly

43.0763, 0.3258, 0.2858

Monochromacy



Original Color

43.4520, 0.3026, 0.2447



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

44.9660, 0.3091, 0.2953

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4520, 0.3026, 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(214, 155, 230)` looks like.

```
.text, #text, p{  
    color:rgb(214, 155, 230)  
}
```

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(214, 155, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 155, 230) }
```

Border

The CSS property to change the border of an element to Yxy 43.4520, 0.3026, 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(214, 155, 230) }
```

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

```
.border{ border-color:rgb(214, 155, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 155, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 155, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 155, 230);  
box-shadow:4px 4px 4px 4px rgb(214, 155,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4520, 0.3026, 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(214, 155, 230) }
```

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

```
.background{ background-color: rgb(214,  
155, 230) }
```

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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