

Converting Colors

$Yxy(43.9560, 0.2634, 0.2475)$

Have a look what the booklet for
Yxy(43.9560, 0.2634, 0.2475)
contains.

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Color

Yxy(43.9568, 0.2634, 0.2474)

Conversions

Conversions Part 1

Format	Color
Hex	ABABEE
RGB	171, 171, 238
RGB Percent	67%, 67%, 93%
CMY	0.3292, 0.3295, 0.0666
CMYK	0.28, 0.28, 0.00, 0.07
HSL	240°, 66%, 80%
HSV	240°, 28%, 93%
XYZ	46.7996, 43.9568, 86.9186
YIQ	178.6380, -21.5070, 20.8370

Conversions

Conversions Part 2

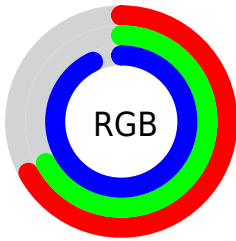
Format	Color
R _Y B	171, 171, 238
Decimal	11250670
CIE Lab	72.20, 14.65, -33.46
CIE LCh	72, 36.530, 293.650
Yxy	43.9568, 0.2634, 0.2474
Android (android.graphics.Color)	4289440750 (0xFFABABEE)
YUV	178.6380, 29.2655, -6.6985
Hunter-Lab	66.2999, 9.9742, -31.3187

Details

The Yxy color $43.9568, 0.2634, 0.2474$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $82.2673, 0.3552, 0.3994$, and the grayscale version is $44.7315, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.1067, 0.2960, 0.2993$, and $20.3530, 0.2494, 0.2268$ is the 20% darker color. If you saturate the color by 10%, you get $33.3273, 0.2425, 0.2128$, and if you desaturate by 10%, it is $56.6890, 0.2828, 0.2794$.

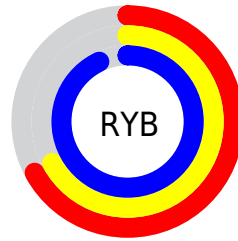
Distribution



Red (67%)

Green (67%)

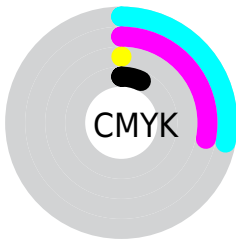
Blue (93%)



Red (67%)

Yellow (67%)

Blue (93%)

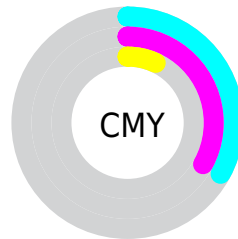


Cyan (28%)

Magenta (28%)

Yellow (0%)

Black (7%)



Cyan (33%)

Magenta (33%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.9568, 0.2634, 0.2474 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 43.9568, 0.2634, 0.2474 by changing the saturation by 10% instead.

■ 43.9568, 0.2634,
0.2474

■ 43.9568, 0.2634,
0.2474

362.5320, 0.2882,
0.2865

■ 30.6365, 0.2573,
0.2383

■ 81.1527, 0.2724,
0.2612

■ 20.3222, 0.2495,
0.2269

105.7972, 0.2757,
0.2665

■ 12.6295, 0.2393,
0.2124

134.9852, 0.2786,
0.2710

■ 7.1739, 0.2255,
0.1934

169.1011, 0.2811,
0.2749

■ 3.5711, 0.2059,
0.1677

208.5294, 0.2832,
0.2784

■ 1.4367, 0.1765,
0.1320

253.6543, 0.2851,


■ 0.2435, 0.1297,

0.2814


0.0536


304.8604, 0.2867,
0.2841

 0.0000, 0.0000,
0.0000


 43.9568, 0.2634,
0.2474


 43.9568, 0.2634,
0.2474

 33.3273, 0.2425,
0.2128


 56.6890, 0.2828,
0.2794

 24.6827, 0.2208,
0.1769


 71.6230, 0.3001,
0.3082

 17.9014, 0.1996,
0.1420

 88.8577, 0.3154,
0.3334

 12.8465, 0.1807,
0.1106

 98.9540, 0.3226,
0.3454

 9.3623, 0.1656,
0.0857

■ 7.2652, 0.1556,
0.0692

■ 6.2987, 0.1507,
0.0611

■ 6.1755, 0.1500,
0.0600

Harmonies

Analogous

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



43.9568, 0.2307, 0.2506



43.9568, 0.2634, 0.2474



43.9568, 0.3118, 0.2623

Triad

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



43.9568, 0.2634, 0.2474



43.9568, 0.4167, 0.3713



43.9568, 0.2598, 0.3693

Complementary

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



43.9568, 0.2634, 0.2474



82.2673, 0.3552, 0.3994

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.



43.9568, 0.3068, 0.4110



43.9568, 0.2634, 0.2474



43.9568, 0.3986, 0.4063

Square

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



43.9568, 0.2634, 0.2474



43.9568, 0.4043, 0.3303



43.9568, 0.3577, 0.4235



43.9568, 0.2284, 0.3169

Rectangle

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



43.9568, 0.2634, 0.2474



43.9568, 0.3475, 0.2806



43.9568, 0.3577, 0.4235



43.9568, 0.2742, 0.3856

Sweetspot

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



43.9585, 0.2634, 0.2474



84.0053, 0.3003, 0.3085



75.9890, 0.2718, 0.3289



17.3786, 0.2979, 0.3044



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.



43.9585, 0.2634, 0.2474



43.7030, 0.2511, 0.2270



48.2033, 0.2888, 0.2530



15.2295, 0.2979, 0.3046



3.4451, 0.1500, 0.0600



0.2868, 0.1501, 0.0601

Inverse Universe

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



53.4711, 0.3161, 0.2590



56.5909, 0.3168, 0.2444



77.0067, 0.3313, 0.4052



16.0312, 0.3138, 0.3058



13.5777, 0.3212, 0.1543



1.1296, 0.3211, 0.1543

Previews

White Background



This preview shows how the Yxy color 43.9568, 0.2634, 0.2474 looks on a white background.

Color Contrast Check

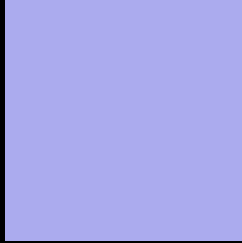
Large Text (above 18pt) WCAG AA × Fail

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 43.9568, 0.2634, 0.2474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

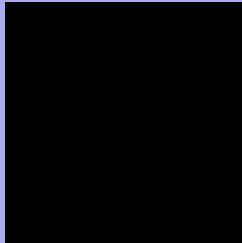
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.9568, 0.2634, 0.2474

Background



This preview shows how black text looks on a background with the Yxy color 43.9568, 0.2634, 0.2474.



This preview shows how white text looks on a background with the Yxy color 43.9568, 0.2634, 0.2474.

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

43.9568, 0.2634, 0.2474

Protanopia

44.2799, 0.2532, 0.2474

Deuteranopia

43.8601, 0.2567, 0.2506



Tritanopia

43.8166, 0.2872, 0.3087

Trichromacy



Original Color

43.9568, 0.2634, 0.2474

Protanomaly

44.3499, 0.2570, 0.2479

Deuteranomaly

43.8941, 0.2593, 0.2499

Tritanomaly

43.7031, 0.2779, 0.2846

Monochromacy



Original Color

43.9568, 0.2634, 0.2474

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.4509, 0.2939, 0.2979

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9568, 0.2634, 0.2474 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(171, 171, 238)` looks like.

```
.text, #text, p{  
    color:rgb(171, 171, 238)  
}
```

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(171, 171, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 171, 238) }
```

Border

The CSS property to change the border of an element to Yxy 43.9568, 0.2634, 0.2474 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(171, 171, 238) }
```

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

```
.border{ border-color:rgb(171, 171, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 171, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 171, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 171, 238); box-shadow:4px 4px 4px 4px rgb(171, 171, 238) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9568, 0.2634, 0.2474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 171, 238) }
```

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

```
.background{ background-color: rgb(171,  
171, 238) }
```

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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