

Converting Colors

$Yxy(43.5218, 0.2757, 0.2654)$

Have a look what the booklet for
Yxy(43.5218, 0.2757, 0.2654)
contains.

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Color

Yxy(43.3984, 0.2761, 0.2651)

Conversions

Conversions Part 1

Format	Color
Hex	AEABDE
RGB	174, 171, 222
RGB Percent	68%, 67%, 87%
CMY	0.3178, 0.3294, 0.1294
CMYK	0.22, 0.23, 0.00, 0.13
HSL	243°, 44%, 77%
HSV	243°, 23%, 87%
XYZ	45.1992, 43.3984, 75.1082
YIQ	177.7110, -14.5830, 16.4970

Conversions

Conversions Part 2

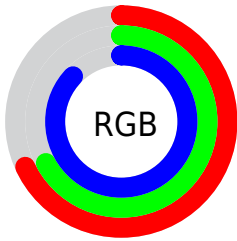
Format	Color
RYB	174, 171, 222
Decimal	11447262
CIELab	71.82, 11.72, -25.29
CIELCh	72, 27.875, 294.858
Yxy	43.3984, 0.2761, 0.2651
Android (android.graphics.Color)	4289637342 (0xFFFAEABDE)
YUV	177.7110, 21.8345, -3.2545
Hunter-Lab	65.8775, 7.1850, -21.4835

Details

The Yxy color **43.3984, 0.2761, 0.2651** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **70.2566, 0.3450, 0.3866**, and the grayscale version is **44.2477, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.4357, 0.2973, 0.2994**, and **20.0486, 0.2655, 0.2481** is the 20% darker color. If you saturate the color by 10%, you get **33.4876, 0.2570, 0.2323**, and if you desaturate by 10%, it is **55.0952, 0.2933, 0.2950**.

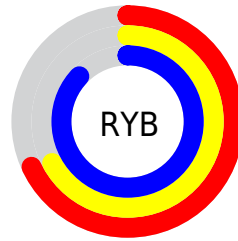
Distribution



Red (68%)

Green (67%)

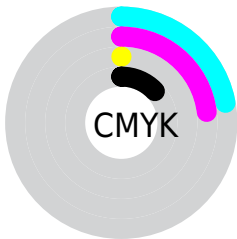
Blue (87%)



Red (68%)

Yellow (67%)

Blue (87%)

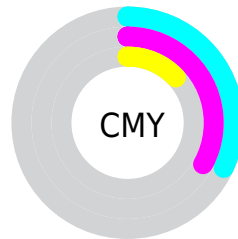


Cyan (22%)

Magenta (23%)

Yellow (0%)

Black (13%)



Cyan (32%)

Magenta (33%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.3984, 0.2761, 0.2651 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 43.3984, 0.2761, 0.2651 by changing the saturation by 10% instead.

■ 43.3984, 0.2761,
0.2651

■ 43.3984, 0.2761,
0.2651

360.2476, 0.2947,
0.2962

■ 30.1978, 0.2714,
0.2576

■ 80.3117, 0.2829,
0.2762

■ 19.9888, 0.2655,
0.2482

104.7933, 0.2854,
0.2804

■ 12.3869, 0.2575,
0.2360

133.8039, 0.2876,
0.2840

■ 7.0077, 0.2465,
0.2197

167.7281, 0.2894,
0.2871

■ 3.4669, 0.2304,
0.1968

206.9501, 0.2910,
0.2898

■ 1.3801, 0.2049,
0.1630

251.8545, 0.2924,

■ 0.2020, 0.1555,

0.2922

0.0657

302.8255, 0.2936,
0.2943

0.0000, 0.0000,
0.0000

43.3984, 0.2761,
0.2651

43.3984, 0.2761,
0.2651

33.4876, 0.2570,
0.2323

55.0952, 0.2933,
0.2950

25.2700, 0.2366,
0.1975

68.6544, 0.3086,
0.3217

18.6523, 0.2157,
0.1624

84.1540, 0.3218,
0.3451

13.5303, 0.1956,
0.1293

98.0545, 0.3321,
0.3611

9.7871, 0.1779,
0.1007

■ 7.2888, 0.1641,
0.0791

■ 5.8745, 0.1550,
0.0658

■ 5.3592, 0.1514,
0.0608

Harmonies

Analogous

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



43.3984, 0.2494, 0.2677



43.3984, 0.2761, 0.2651



43.3984, 0.3141, 0.2773

Triad

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



43.3984, 0.2761, 0.2651



43.3984, 0.3923, 0.3644



43.3984, 0.2709, 0.3582

Complementary

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



43.3984, 0.2761, 0.2651



70.2566, 0.3450, 0.3866

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.



43.3984, 0.3073, 0.3896



43.3984, 0.2761, 0.2651



43.3984, 0.3783, 0.3903

Square

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



43.3984, 0.2761, 0.2651



43.3984, 0.3835, 0.3323



43.3984, 0.3468, 0.4009



43.3984, 0.2465, 0.3191

Rectangle

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



43.3984, 0.2761, 0.2651



43.3984, 0.3413, 0.2923



43.3984, 0.3468, 0.4009



43.3984, 0.2821, 0.3702

Sweetspot

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



43.4002, 0.2761, 0.2651



86.0846, 0.3026, 0.3112



64.8373, 0.2786, 0.3258



18.1820, 0.3017, 0.3096



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.



43.4002, 0.2761, 0.2651



51.9939, 0.2663, 0.2482



46.5552, 0.2962, 0.2687



13.2811, 0.2989, 0.3048



3.1985, 0.1519, 0.0610



0.2353, 0.1574, 0.0640

Inverse Universe

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



49.7786, 0.3178, 0.2752



62.3310, 0.3191, 0.2628



66.6529, 0.3261, 0.3902



13.9212, 0.3147, 0.3072



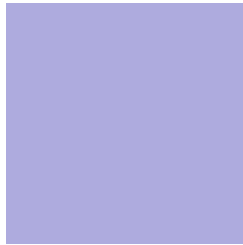
11.9679, 0.3360, 0.1624



0.8338, 0.3334, 0.1610

Previews

White Background



This preview shows how the Yxy color 43.3984, 0.2761, 0.2651 looks on a white background.

Color Contrast Check

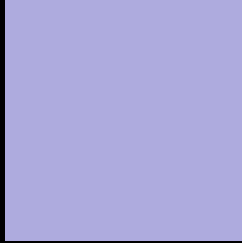
Large Text (above 18pt) WCAG AA × Fail

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 43.3984, 0.2761, 0.2651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

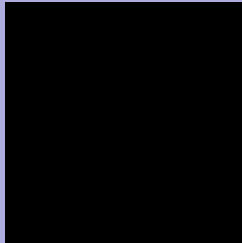
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.3984, 0.2761, 0.2651

Background



This preview shows how black text looks on a background with the Yxy color 43.3984, 0.2761, 0.2651.



This preview shows how white text looks on a background with the Yxy color 43.3984, 0.2761, 0.2651.

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

43.3984, 0.2761, 0.2651

Protanopia

43.4405, 0.2669, 0.2653

Deuteranopia

43.5961, 0.2725, 0.2670



Tritanopia

43.5307, 0.2941, 0.3102

Trichromacy



Original Color

43.3984, 0.2761, 0.2651

Protanomaly

43.4303, 0.2703, 0.2656

Deuteranomaly

43.4369, 0.2739, 0.2660

Tritanomaly

43.4703, 0.2875, 0.2936

Monochromacy



Original Color

43.3984, 0.2761, 0.2651

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.9021, 0.2993, 0.3042

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3984, 0.2761, 0.2651 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(174, 171, 222)` looks like.

```
.text, #text, p{  
    color:rgb(174, 171, 222)  
}
```

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(174, 171, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 171, 222) }
```

Border

The CSS property to change the border of an element to Yxy 43.3984, 0.2761, 0.2651 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(174, 171, 222) }
```

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

```
.border{ border-color:rgb(174, 171, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 171, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 171, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 171, 222); box-shadow:4px 4px 4px 4px rgb(174, 171, 222) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3984, 0.2761, 0.2651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 171, 222) }
```

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

```
.background{ background-color: rgb(174,  
171, 222) }
```

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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