

Converting Colors

$Y_{xy}(43.7171, 0.2601, 0.2359)$

Have a look what the booklet for
Yxy(43.7171, 0.2601, 0.2359)
contains.

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Color

Yxy(43.6578, 0.2602, 0.2362)

Conversions

Conversions Part 1

Format	Color
Hex	AEA8F6
RGB	174, 168, 246
RGB Percent	68%, 66%, 96%
CMY	0.3176, 0.3412, 0.0353
CMYK	0.29, 0.32, 0.00, 0.04
HSL	245°, 81%, 81%
HSV	245°, 32%, 96%
XYZ	48.0938, 43.6578, 93.0824
YIQ	178.6860, -21.4620, 25.5300

Conversions

Conversions Part 2

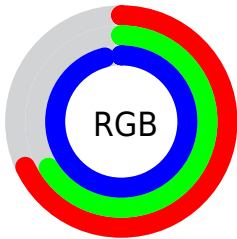
Format	Color
RYB	174, 168, 246
Decimal	11446518
CIELab	72.00, 19.12, -38.09
CIELCh	72, 42.624, 296.659
Yxy	43.6578, 0.2602, 0.2362
Android (android.graphics.Color)	4289636598 (0xFFAEA8F6)
YUV	178.6860, 33.1858, -4.1096
Hunter-Lab	66.0740, 14.2966, -37.2735

Details

The Yxy color $43.6578, 0.2602, 0.2362$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $87.2653, 0.3564, 0.4095$, and the grayscale version is $44.7340, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.9843, 0.2979, 0.2964$, and $20.0868, 0.2453, 0.2138$ is the 20% darker color. If you saturate the color by 10%, you get $33.0279, 0.2401, 0.2016$, and if you desaturate by 10%, it is $56.4500, 0.2789, 0.2688$.

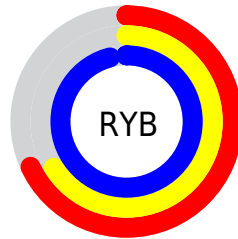
Distribution



Red (68%)

Green (66%)

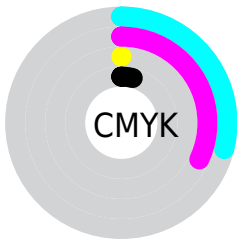
Blue (96%)



Red (68%)

Yellow (66%)

Blue (96%)

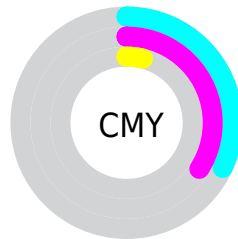


Cyan (29%)

Magenta (32%)

Yellow (0%)

Black (4%)



Cyan (32%)

Magenta (34%)

Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.6578, 0.2602, 0.2362 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 43.6578, 0.2602, 0.2362 by changing the saturation by 10% instead.


 43.6578, 0.2602,
0.2362


 43.6578, 0.2602,
0.2362

361.3100, 0.2866,
0.2801

 30.4016, 0.2537,
0.2261


 80.7026, 0.2698,
0.2515

 20.1436, 0.2454,
0.2136


 105.2599, 0.2734,
0.2575

 12.4995, 0.2347,
0.1979


134.3531, 0.2764,
0.2626

 7.0848, 0.2201,
0.1776

168.3664, 0.2791,
0.2670

 3.5152, 0.1997,
0.1508

207.6844, 0.2813,
0.2709

 1.4062, 0.1696,
0.1148

252.6914, 0.2833,

 0.2213, 0.1255,

0.2743

0.0410

303.7718, 0.2851,
0.2774


 0.0000, 0.0000,
0.0000

 43.6578, 0.2602,
0.2362


 43.6578, 0.2602,
0.2362


 33.0279, 0.2401,
0.2016


 56.4500, 0.2789,
0.2688

 24.4359, 0.2193,
0.1664


 71.5094, 0.2956,
0.2984

 17.7526, 0.1991,
0.1329

 88.9404, 0.3104,
0.3248

 12.8319, 0.1809,
0.1037

 99.4340, 0.3179,
0.3376

 9.5064, 0.1664,
0.0813

■ 7.5763, 0.1565,
0.0671

■ 6.7919, 0.1519,
0.0610

Harmonies

Analogous

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



43.6578, 0.2209, 0.2371



43.6578, 0.2602, 0.2362



43.6578, 0.3174, 0.2552

Triad

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



43.6578, 0.2602, 0.2362



43.6578, 0.4333, 0.3808



43.6578, 0.2462, 0.3702

Complementary

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



43.6578, 0.2602, 0.2362



87.2653, 0.3564, 0.4095

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.



43.6578, 0.2989, 0.4228



43.6578, 0.2602, 0.2362



43.6578, 0.4081, 0.4211

Square

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



43.6578, 0.2602, 0.2362



43.6578, 0.4231, 0.3341



43.6578, 0.3583, 0.4403



43.6578, 0.2131, 0.3080

Rectangle

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



43.6578, 0.2602, 0.2362



43.6578, 0.3592, 0.2768



43.6578, 0.3583, 0.4403



43.6578, 0.2621, 0.3903

Sweetspot

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



43.6595, 0.2602, 0.2362



80.6019, 0.2983, 0.3031



77.7730, 0.2666, 0.3230



16.7138, 0.2961, 0.2992



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.



43.6595, 0.2602, 0.2362



39.7676, 0.2475, 0.2143



48.6871, 0.2891, 0.2433



15.9877, 0.2991, 0.3046



3.6476, 0.1524, 0.0613



0.3413, 0.1582, 0.0645

Inverse Universe

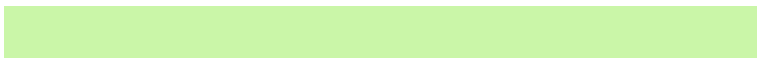
The Inverse Universe completely reimagines the original color for something new.



53.8903, 0.3212, 0.2555



52.4965, 0.3232, 0.2411



81.2696, 0.3300, 0.4169



16.7450, 0.3150, 0.3074



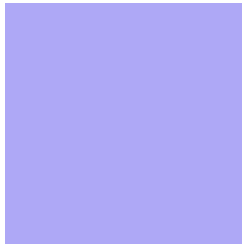
13.4294, 0.3413, 0.1654



1.1867, 0.3384, 0.1638

Previews

White Background



This preview shows how the Yxy color 43.6578, 0.2602, 0.2362 looks on a white background.

Color Contrast Check

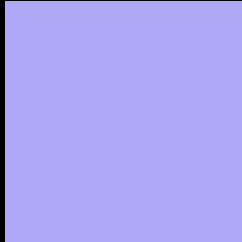
Large Text (above 18pt) WCAG AA × Fail

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 43.6578, 0.2602, 0.2362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

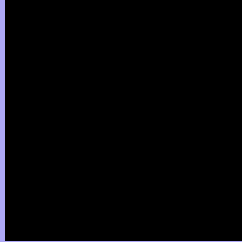
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.6578, 0.2602, 0.2362

Background



This preview shows how black text looks on a background with the Yxy color 43.6578, 0.2602, 0.2362.



This preview shows how white text looks on a background with the Yxy color 43.6578, 0.2602, 0.2362.

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

43.6578, 0.2602, 0.2362

Protanopia

43.9125, 0.2436, 0.2351

Deuteranopia

43.7347, 0.2481, 0.2414



Tritanopia

43.4776, 0.2886, 0.3087

Trichromacy



Original Color

43.6578, 0.2602, 0.2362

Protanomaly

43.8182, 0.2494, 0.2358

Deuteranomaly

43.6747, 0.2524, 0.2400

Tritanomaly

43.2411, 0.2779, 0.2798

Monochromacy



Original Color

43.6578, 0.2602, 0.2362

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.3189, 0.2924, 0.2930

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6578, 0.2602, 0.2362 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, 168, 246)` looks like.

```
.text, #text, p{  
    color:rgb(174, 168, 246)  
}
```

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, 168, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 168, 246) }
```

Border

The CSS property to change the border of an element to Yxy 43.6578, 0.2602, 0.2362 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, 168, 246) }
```

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

```
.border{ border-color:rgb(174, 168, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 168, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 168, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 168, 246);  
box-shadow:4px 4px 4px 4px rgb(174, 168,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6578, 0.2602, 0.2362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 168, 246) }
```

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

```
.background{ background-color: rgb(174,  
168, 246) }
```

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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