

Converting Colors

$Y_{xy}(43.3470, 0.3055, 0.2548)$

Have a look what the booklet for
Yxy(43.3470, 0.3055, 0.2548)
contains.

Yxy(43.4293, 0.3055, 0.2552)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(43.4293, 0.3055, 0.2552)

Conversions

Conversions Part 1

Format	Color
Hex	D29EDE
RGB	210, 158, 222
RGB Percent	82%, 62%, 87%
CMY	0.1765, 0.3804, 0.1294
CMYK	0.05, 0.29, 0.00, 0.13
HSL	289°, 49%, 75%
HSV	289°, 29%, 87%
XYZ	51.9892, 43.4293, 74.7590
YIQ	180.8440, 10.4480, 30.9280

Conversions

Conversions Part 2

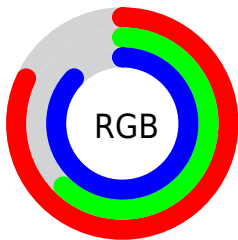
Format	Color
R _{YB}	210, 158, 222
Decimal	13803230
CIE _{Lab}	71.85, 30.27, -24.98
CIE _{LCh}	72, 39.245, 320.463
Yxy	43.4293, 0.3055, 0.2552
Android (android.graphics.Color)	4291993310 (0xFFD29EDE)
YUV	180.8440, 20.2899, 25.5698
Hunter-Lab	65.9009, 25.4921, -21.1288

Details

The Yxy color $43.4293, 0.3055, 0.2552$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $63.2682, 0.3171, 0.4105$, and the grayscale version is $46.0050, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.0685, 0.3146, 0.2881$, and $20.0667, 0.3025, 0.2367$ is the 20% darker color. If you saturate the color by 10%, you get $35.9245, 0.3020, 0.2290$, and if you desaturate by 10%, it is $52.3219, 0.3085, 0.2815$.

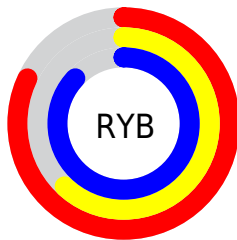
Distribution



Red (82%)

Green (62%)

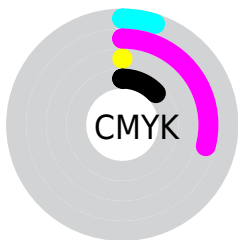
Blue (87%)



Red (82%)

Yellow (62%)

Blue (87%)

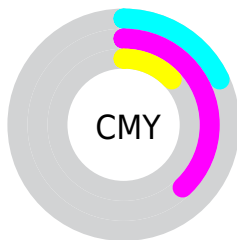


Cyan (5%)

Magenta (29%)

Yellow (0%)

Black (13%)



Cyan (18%)


Magenta (38%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.4293, 0.3055, 0.2552 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 43.4293, 0.3055, 0.2552 by changing the saturation by 10% instead.


 43.4293, 0.3055,
0.2552


 43.4293, 0.3055,
0.2552


360.3743, 0.3099,
0.2903

 30.2221, 0.3042,
0.2470


 80.3583, 0.3073,
0.2675

 20.0072, 0.3024,
0.2368


 104.8489, 0.3079,
0.2723

 12.4003, 0.2999,
0.2237


133.8694, 0.3084,
0.2764

 7.0169, 0.2961,
0.2066

167.8041, 0.3088,
0.2799

 3.4727, 0.2899,
0.1830

207.0376, 0.3091,
0.2830

 1.3832, 0.2788,
0.1494

251.9542, 0.3094,

 0.2043, 0.2676,

0.2857

0.0584

302.9383, 0.3097,
0.2881

0.0000, 0.0000,
0.0000

43.4293, 0.3055,
0.2552

43.4293, 0.3055,
0.2552

35.9245, 0.3020,
0.2290

52.3219, 0.3085,
0.2815

29.7281, 0.2980,
0.2040

62.6650, 0.3109,
0.3073

24.7612, 0.2935,
0.1812

74.5241, 0.3129,
0.3318

20.9341, 0.2888,
0.1616

87.9593, 0.3145,
0.3548

18.1445, 0.2838,
0.1462

93.7574, 0.3166,
0.3627

■ 16.2719, 0.2787,
0.1353

■ 94.4590, 0.3193,
0.3624

■ 15.1306, 0.2738,
0.1286

■ 95.1772, 0.3219,
0.3622

■ 15.0155, 0.2732,
0.1279

■ 95.9122, 0.3246,
0.3619

■ 96.6641, 0.3273,
0.3616

Harmonies

Analogous

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



43.4293, 0.2550, 0.2411



43.4293, 0.3055, 0.2552



43.4293, 0.3628, 0.2851

Triad

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



43.4293, 0.3055, 0.2552



43.4293, 0.4084, 0.4082



43.4293, 0.2248, 0.3213

Complementary

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



43.4293, 0.3055, 0.2552



63.2682, 0.3171, 0.4105

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.



43.4293, 0.2603, 0.3785



43.4293, 0.3055, 0.2552



43.4293, 0.3662, 0.4304

Square

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



43.4293, 0.3055, 0.2552



43.4293, 0.4250, 0.3691



43.4293, 0.3118, 0.4212



43.4293, 0.2119, 0.2736

Rectangle

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



43.4293, 0.3055, 0.2552



43.4293, 0.3957, 0.3111



43.4293, 0.3118, 0.4212



43.4293, 0.2343, 0.3403

Sweetspot

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



43.4312, 0.3055, 0.2552



85.4129, 0.3109, 0.3066



41.5980, 0.2641, 0.2627



17.8118, 0.3106, 0.3029



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.



43.4312, 0.3055, 0.2552



52.6196, 0.3033, 0.2383



44.2908, 0.3329, 0.2776



13.7987, 0.3108, 0.3057



8.9634, 0.2739, 0.1283



0.6553, 0.2816, 0.1325

Inverse Universe

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



42.8913, 0.3642, 0.3149



51.8403, 0.3806, 0.3116



62.7025, 0.2971, 0.3867



13.7424, 0.3263, 0.3246



9.3344, 0.6099, 0.3133



0.6593, 0.5683, 0.2904

Previews

White Background



This preview shows how the Yxy color 43.4293, 0.3055, 0.2552 looks on a white background.

Color Contrast Check

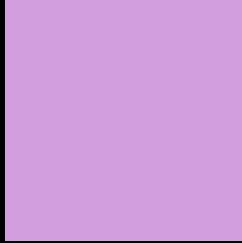
Large Text (above 18pt) WCAG AA × Fail

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 43.4293, 0.3055, 0.2552 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 43.4293, 0.3055, 0.2552

Background



This preview shows how black text looks on a background with the Yxy color 43.4293, 0.3055, 0.2552.



This preview shows how white text looks on a background with the Yxy color 43.4293, 0.3055, 0.2552.

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

43.4293, 0.3055, 0.2552

Protanopia

43.6862, 0.2585, 0.2538

Deuteranopia

43.7723, 0.2768, 0.2708



Tritanopia

43.3645, 0.3368, 0.3129

Trichromacy



Original Color

43.4293, 0.3055, 0.2552

Protanomaly

43.1834, 0.2735, 0.2532

Deuteranomaly

43.6117, 0.2869, 0.2652

Tritanomaly

43.2563, 0.3247, 0.2901

Monochromacy



Original Color

43.4293, 0.3055, 0.2552

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.0791, 0.3106, 0.3001

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4293, 0.3055, 0.2552 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(210, 158, 222)` looks like.

```
.text, #text, p{  
    color:rgb(210, 158, 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(210, 158, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 158, 222) }
```

Border

The CSS property to change the border of an element to Yxy 43.4293, 0.3055, 0.2552 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(210, 158, 222) }
```

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

```
.border{ border-color:rgb(210, 158, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 158, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 158, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 158, 222);  
box-shadow:4px 4px 4px 4px rgb(210, 158,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4293, 0.3055, 0.2552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 158, 222) }
```

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

```
.background{ background-color: rgb(210,  
158, 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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