

Converting Colors

$Y_{xy}(43.7642, 0.2956, 0.2207)$

Have a look what the booklet for
Yxy(43.7642, 0.2956, 0.2207)
contains.

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Color

Yxy(43.6169, 0.2954, 0.2205)

Conversions

Conversions Part 1

Format	Color
Hex	E093FA
RGB	224, 147, 250
RGB Percent	88%, 58%, 98%
CMY	0.1214, 0.4235, 0.0197
CMYK	0.10, 0.41, 0.00, 0.02
HSL	285°, 91%, 78%
HSV	285°, 41%, 98%
XYZ	58.4328, 43.6169, 95.7594
YIQ	181.7650, 12.8290, 48.3570

Conversions

Conversions Part 2

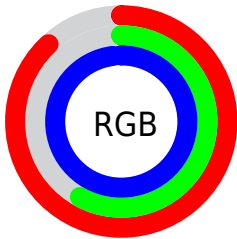
Format	Color
R_{YB}	224, 147, 250
Decimal	14717946
CIE _{Lab}	71.97, 45.96, -39.94
CIE _{LCh}	72, 60.893, 319.008
Yxy	43.6169, 0.2954, 0.2205
Android (android.graphics.Color)	4292908026 (0xFFE093FA)
YUV	181.7650, 33.6399, 37.0401
Hunter-Lab	66.0431, 42.3556, -39.7375

Details

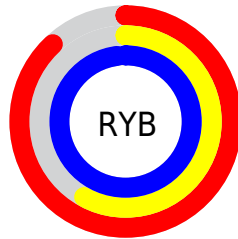
The Yxy color **43.6169, 0.2954, 0.2205** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **79.3385, 0.3221, 0.4510**, and the grayscale version is **46.4547, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.7211, 0.3151, 0.2772**, and **20.0712, 0.2887, 0.1960** is the 20% darker color. If you saturate the color by 10%, you get **35.6835, 0.2895, 0.1947**, and if you desaturate by 10%, it is **53.2802, 0.3007, 0.2475**.

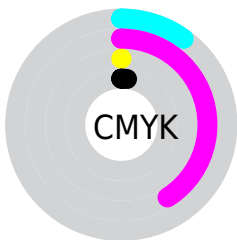
Distribution



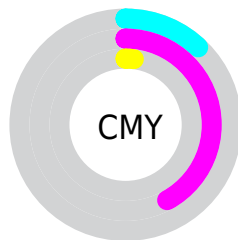
- Red (88%)
- Green (58%)
- Blue (98%)



- Red (88%)
- Yellow (58%)
- Blue (98%)



- Cyan (10%)
- Magenta (41%)
- Yellow (0%)
- Black (2%)





- Cyan (12%)
- Magenta (42%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.6169, 0.2954, 0.2205 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 43.6169, 0.2954, 0.2205 by changing the saturation by 10% instead.


 43.6169, 0.2954,
0.2205


 43.6169, 0.2954,
0.2205


361.1427, 0.3056,
0.2700

 30.3694, 0.2925,
0.2095


 80.6410, 0.2994,
0.2374

 20.1192, 0.2888,
0.1962

 105.1864, 0.3008,
0.2441

 12.4817, 0.2836,
0.1798


134.2665, 0.3019,
0.2499

 7.0726, 0.2761,
0.1591

168.2658, 0.3029,
0.2549

 3.5076, 0.2648,
0.1326

207.5687, 0.3037,
0.2594

 1.4021, 0.2466,
0.0984

252.5596, 0.3044,

 0.2183, 0.2198,

0.2633

0.0336

303.6227, 0.3051,
0.2668

0.0000, 0.1163,
0.0000

0.0000, 0.0000,
0.0000

43.6169, 0.2954,
0.2205

43.6169, 0.2954,
0.2205

35.6835, 0.2895,
0.1947

53.2802, 0.3007,
0.2475

29.3634, 0.2830,
0.1713

64.7687, 0.3053,
0.2745

24.5345, 0.2762,
0.1513

78.1774, 0.3091,
0.3010

21.0544, 0.2693,
0.1357

93.5931, 0.3124,
0.3261

■ 18.7522, 0.2625,
0.1249

■ 99.6805, 0.3156,
0.3338

■ 17.4652, 0.2567,
0.1188

Harmonies

Analogous

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



43.6169, 0.2230, 0.2014



43.6169, 0.2954, 0.2205



43.6169, 0.3847, 0.2609

Triad

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



43.6169, 0.2954, 0.2205



43.6169, 0.4558, 0.4381



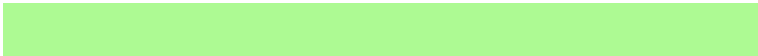
43.6169, 0.1839, 0.3170

Complementary

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



43.6169, 0.2954, 0.2205



79.3385, 0.3221, 0.4510

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.



43.6169, 0.2342, 0.4123



43.6169, 0.2954, 0.2205



43.6169, 0.3910, 0.4833

Square

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



43.6169, 0.2954, 0.2205



43.6169, 0.4840, 0.3770



43.6169, 0.3101, 0.4807



43.6169, 0.1664, 0.2445

Rectangle

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



43.6169, 0.2954, 0.2205



43.6169, 0.4381, 0.2964



43.6169, 0.3101, 0.4807



43.6169, 0.1970, 0.3480

Sweetspot

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



43.6187, 0.2954, 0.2205



80.5737, 0.3089, 0.2988



43.5518, 0.2412, 0.2360



16.8330, 0.3084, 0.2954



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.



43.6187, 0.2954, 0.2205



38.9696, 0.2908, 0.2001



46.6731, 0.3385, 0.2485



17.2915, 0.3097, 0.3053



9.3380, 0.2578, 0.1194



0.9149, 0.2656, 0.1237

Inverse Universe

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



44.1999, 0.3915, 0.3015



39.8304, 0.4150, 0.2967



77.4987, 0.2947, 0.4264



17.2969, 0.3254, 0.3230



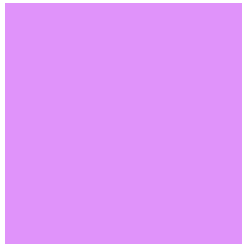
10.9901, 0.5927, 0.3039



1.0342, 0.5596, 0.2856

Previews

White Background



This preview shows how the Yxy color 43.6169, 0.2954, 0.2205 looks on a white background.

Color Contrast Check

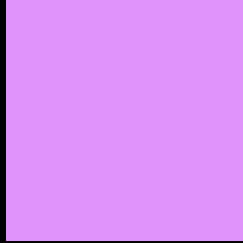
Large Text (above 18pt) WCAG AA × Fail

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 43.6169, 0.2954, 0.2205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

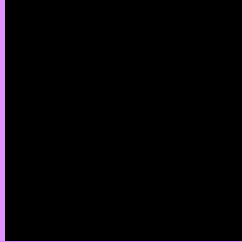
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.6169, 0.2954, 0.2205

Background



This preview shows how black text looks on a background with the Yxy color 43.6169, 0.2954, 0.2205.



This preview shows how white text looks on a background with the Yxy color 43.6169, 0.2954, 0.2205.

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

43.6169, 0.2954, 0.2205

Protanopia

43.9761, 0.2403, 0.2309

Deuteranopia

44.1225, 0.2483, 0.2427



Tritanopia

43.4751, 0.3486, 0.3133

Trichromacy



Original Color

43.6169, 0.2954, 0.2205



Protanomaly

42.9899, 0.2576, 0.2254



Deuteranomaly

43.2094, 0.2628, 0.2326

Tritanomaly

43.1775, 0.3282, 0.2755

Monochromacy



Original Color

43.6169, 0.2954, 0.2205



Achromatopsia

46.7784, 0.3127, 0.3290



Achromatomaly

44.7512, 0.3062, 0.2826

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6169, 0.2954, 0.2205 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(224, 147, 250)` looks like.

```
.text, #text, p{  
    color:rgb(224, 147, 250)  
}
```

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(224, 147, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 147, 250) }
```

Border

The CSS property to change the border of an element to Yxy 43.6169, 0.2954, 0.2205 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(224, 147, 250) }
```

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

```
.border{ border-color:rgb(224, 147, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 147, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 147, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 147, 250);  
box-shadow:4px 4px 4px 4px rgb(224, 147,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6169, 0.2954, 0.2205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 147, 250) }
```

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

```
.background{ background-color: rgb(224,  
147, 250) }
```

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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