

Converting Colors

Yxy(67.1380, 0.2304, 0.1570)

Have a look what the booklet for
Yxy(67.1380, 0.2304, 0.1570)
contains.

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Color

Yxy(54.9022, 0.3031, 0.2445)

Conversions

Conversions Part 1

Format	Color
Hex	EEACFF
RGB	238, 172, 255
RGB Percent	93%, 67%, 100%
CMY	0.0666, 0.3255, 0.0001
CMYK	0.07, 0.33, 0.00, 0.00
HSL	288°, 100%, 84%
HSV	288°, 33%, 100%
XYZ	68.0608, 54.9022, 101.5859
YIQ	201.1960, 12.6930, 39.8050

Conversions

Conversions Part 2

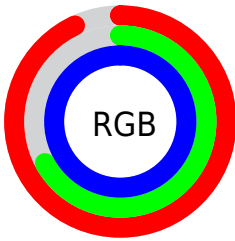
Format	Color
R_{YB}	238, 172, 255
Decimal	15641855
CIE _{Lab}	78.98, 37.91, -31.66
CIE _{LCh}	79, 49.390, 320.130
Yxy	54.9022, 0.3031, 0.2445
Android (android.graphics.Color)	4293831935 (0xFFEEACFF)
YUV	201.1960, 26.5254, 32.2771
Hunter-Lab	74.0960, 34.2928, -29.4196

Details

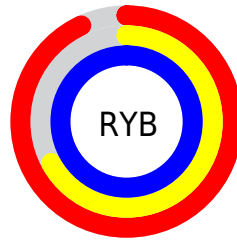
The Yxy color **54.9022, 0.3031, 0.2445** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **85.2883, 0.3183, 0.4231**, and the grayscale version is **58.3647, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.9668, 0.3139, 0.3029**, and **27.0946, 0.2994, 0.2263** is the 20% darker color. If you saturate the color by 10%, you get **45.2238, 0.2989, 0.2183**, and if you desaturate by 10%, it is **66.4730, 0.3067, 0.2712**.

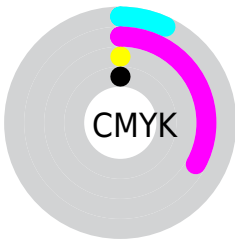
Distribution



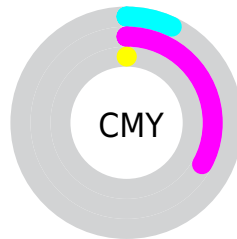
- Red (93%)
- Green (67%)
- Blue (100%)



- Red (93%)
- Yellow (67%)
- Blue (100%)



- Cyan (7%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)





- Cyan (7%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.9022, 0.3031, 0.2445 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 54.9022, 0.3031, 0.2445 by changing the saturation by 10% instead.


 54.9022, 0.3031,
0.2445

 54.9022, 0.3031,
0.2445


405.5411, 0.3087,
0.2826

 39.3234, 0.3015,
0.2361

 97.3976, 0.3053,
0.2575

 27.0114, 0.2995,
0.2259


125.0831, 0.3061,
0.2626

 17.5818, 0.2967,
0.2133


157.5729, 0.3067,
0.2670

 10.6502, 0.2927,
0.1973

195.2515, 0.3072,
0.2709

 5.8321, 0.2867,
0.1765

238.5032, 0.3077,
0.2743

 2.7433, 0.2770,
0.1487

287.7124, 0.3081,

 0.9992, 0.2600,

0.2774

0.1107

343.2636, 0.3084,
0.2801

0.0000, 0.2404,
0.0000

0.0000, 0.0000,
0.0000

54.9022, 0.3031,
0.2445

54.9022, 0.3031,
0.2445

45.2238, 0.2989,
0.2183

66.4730, 0.3067,
0.2712

37.3237, 0.2943,
0.1935

80.0278, 0.3097,
0.2975

31.0864, 0.2891,
0.1714

95.6603, 0.3122,
0.3228

26.3796, 0.2837,
0.1530

99.9976, 0.3127,
0.3290

■ 23.0509, 0.2782,
0.1391

■ 20.9153, 0.2727,
0.1298

■ 19.8964, 0.2687,
0.1254

Harmonies

Analogous

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



54.9022, 0.2455, 0.2286



54.9022, 0.3031, 0.2445



54.9022, 0.3700, 0.2779

Triad

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



54.9022, 0.3031, 0.2445



54.9022, 0.4231, 0.4186



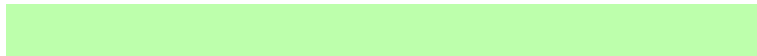
54.9022, 0.2119, 0.3198

Complementary

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



54.9022, 0.3031, 0.2445



85.2883, 0.3183, 0.4231

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.



54.9022, 0.2522, 0.3878



54.9022, 0.3031, 0.2445



54.9022, 0.3740, 0.4468

Square

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



54.9022, 0.3031, 0.2445



54.9022, 0.4430, 0.3728



54.9022, 0.3112, 0.4383



54.9022, 0.1975, 0.2645

Rectangle

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



54.9022, 0.3031, 0.2445



54.9022, 0.4088, 0.3072



54.9022, 0.3112, 0.4383



54.9022, 0.2226, 0.3422

Sweetspot

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



54.9046, 0.3031, 0.2445



83.8210, 0.3104, 0.3041



52.8071, 0.2568, 0.2536



17.4909, 0.3100, 0.3005



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.



54.9046, 0.3031, 0.2445



48.4543, 0.3005, 0.2274



56.5557, 0.3353, 0.2691



18.1020, 0.3105, 0.3053



10.4651, 0.2695, 0.1259



1.0640, 0.2757, 0.1292

Inverse Universe

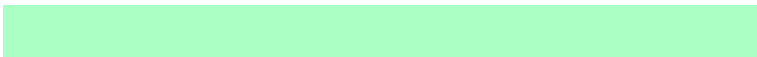
The Inverse Universe completely reimagines the original color for something new.



54.4324, 0.3728, 0.3114



48.0155, 0.3903, 0.3079



84.2311, 0.2959, 0.3977



18.0478, 0.3262, 0.3242



11.2558, 0.6068, 0.3117



1.1107, 0.5769, 0.2952

Previews

White Background



This preview shows how the Yxy color 54.9022, 0.3031, 0.2445 looks on a white background.

Color Contrast Check

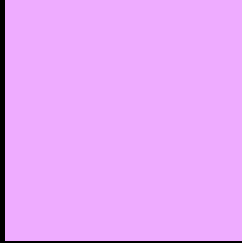
Large Text (above 18pt) WCAG AA × Fail

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 54.9022, 0.3031, 0.2445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

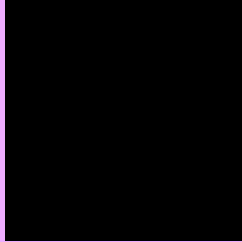
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.9022, 0.3031, 0.2445

Background



This preview shows how black text looks on a background with the Yxy color 54.9022, 0.3031, 0.2445.



This preview shows how white text looks on a background with the Yxy color 54.9022, 0.3031, 0.2445.

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

54.9022, 0.3031, 0.2445

Protanopia

55.3873, 0.2618, 0.2592

Deuteranopia

55.1034, 0.2684, 0.2617



Tritanopia

54.7672, 0.3408, 0.3123

Trichromacy



Original Color

54.9022, 0.3031, 0.2445



Protanomaly

54.6172, 0.2751, 0.2528



Deuteranomaly

54.7053, 0.2804, 0.2553

Tritanomaly

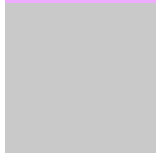
54.6783, 0.3265, 0.2856

Monochromacy



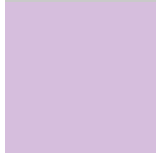
Original Color

54.9022, 0.3031, 0.2445



Achromatopsia

58.4078, 0.3127, 0.3290



Achromatomaly

56.3435, 0.3088, 0.2939

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9022, 0.3031, 0.2445 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(238, 172, 255)` looks like.

```
.text, #text, p{  
    color:rgb(238, 172, 255)  
}
```

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(238, 172, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 172, 255) }
```

Border

The CSS property to change the border of an element to Yxy 54.9022, 0.3031, 0.2445 is called "border". The border property can be set on classes, ids or directly on the HTML element.

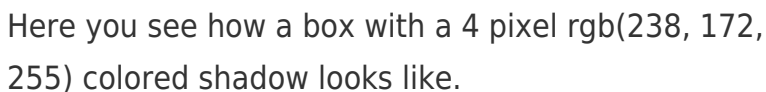
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(238, 172, 255) }
```

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

```
.border{ border-color:rgb(238, 172, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(238, 172, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 172, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 172, 255);  
box-shadow:4px 4px 4px 4px rgb(238, 172,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9022, 0.3031, 0.2445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 172, 255) }
```

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

```
.background{ background-color: rgb(238,  
172, 255) }
```

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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