

Converting Colors

$Y_{xy}(52.8207, 0.3082, 0.2537)$

Have a look what the booklet for
Yxy(52.8207, 0.3082, 0.2537)
contains.

Yxy(52.9205, 0.3080, 0.2534)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.9205, 0.3080, 0.2534)

Conversions

Conversions Part 1

Format	Color
Hex	E9ABF3
RGB	233, 171, 243
RGB Percent	91%, 67%, 95%
CMY	0.0866, 0.3292, 0.0472
CMYK	0.04, 0.30, 0.00, 0.05
HSL	292°, 75%, 81%
HSV	292°, 30%, 95%
XYZ	64.3233, 52.9205, 91.5980
YIQ	197.7460, 13.8400, 35.5360

Conversions

Conversions Part 2

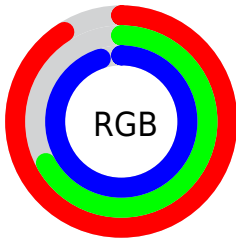
Format	Color
R_{YB}	233, 171, 243
Decimal	15313907
CIE _{Lab}	77.83, 34.55, -27.03
CIE _{LCh}	78, 43.867, 321.964
Yxy	52.9205, 0.3080, 0.2534
Android (android.graphics.Color)	4293503987 (0xFFE9ABF3)
YUV	197.7460, 22.3102, 30.9178
Hunter-Lab	72.7465, 30.5254, -23.7319

Details

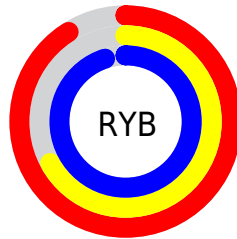
The Yxy color **52.9205, 0.3080, 0.2534** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **76.8632, 0.3150, 0.4140**, and the grayscale version is **56.1650, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.4182, 0.3140, 0.3019**, and **25.7748, 0.3050, 0.2357** is the 20% darker color. If you saturate the color by 10%, you get **44.0035, 0.3056, 0.2277**, and if you desaturate by 10%, it is **63.5403, 0.3100, 0.2795**.

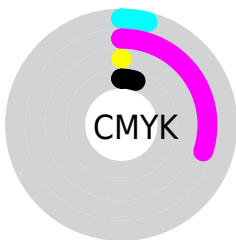
Distribution



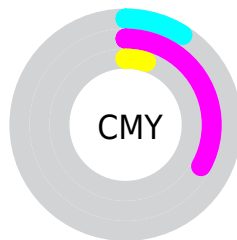
- Red (91%)
- Green (67%)
- Blue (95%)



- Red (91%)
- Yellow (67%)
- Blue (95%)



- Cyan (4%)
- Magenta (30%)
- Yellow (0%)
- Black (5%)





- Cyan (9%)
- Magenta (33%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.9205, 0.3080, 0.2534 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 52.9205, 0.3080, 0.2534 by changing the saturation by 10% instead.


 52.9205, 0.3080,
0.2534

 52.9205, 0.3080,
0.2534

397.9800, 0.3111,
0.2880

 37.7393, 0.3071,
0.2456


 94.4874, 0.3093,
0.2653

 25.7804, 0.3058,
0.2361


121.6418, 0.3097,
0.2700

 16.6594, 0.3039,
0.2242


153.5562, 0.3101,
0.2740

 9.9920, 0.3012,
0.2090

190.6148, 0.3104,
0.2775

 5.3936, 0.2969,
0.1887

233.2021, 0.3106,
0.2806

 2.4800, 0.2896,
0.1610

281.7025, 0.3108,

 0.8666, 0.2756,

0.2834

336.5003, 0.3110,
0.2858

0.1215

0.0000, 0.2555,
0.0000

0.0000, 0.0000,
0.0000

52.9205, 0.3080,
0.2534

52.9205, 0.3080,
0.2534

44.0035, 0.3056,
0.2277

63.5403, 0.3100,
0.2795

36.6898, 0.3029,
0.2035

75.9416, 0.3115,
0.3052

30.8801, 0.2997,
0.1818

90.2063, 0.3128,
0.3300

26.4615, 0.2963,
0.1636

97.6736, 0.3144,
0.3407

■ 23.3047, 0.2927,
0.1496

■ 98.2948, 0.3165,
0.3407

■ 21.2561, 0.2891,
0.1402

■ 98.9272, 0.3186,
0.3406

■ 20.0696, 0.2854,
0.1347

■ 99.2496, 0.3197,
0.3405

■ 20.0292, 0.2853,
0.1345

Harmonies

Analogous

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



52.9205, 0.2547, 0.2378



52.9205, 0.3080, 0.2534



52.9205, 0.3679, 0.2850

Triad

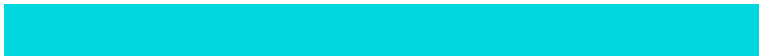
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



52.9205, 0.3080, 0.2534



52.9205, 0.4108, 0.4131



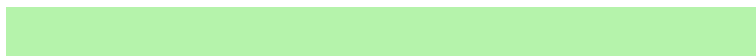
52.9205, 0.2198, 0.3178

Complementary

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



52.9205, 0.3080, 0.2534



76.8632, 0.3150, 0.4140

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.



52.9205, 0.2555, 0.3780



52.9205, 0.3080, 0.2534



52.9205, 0.3656, 0.4355

Square

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



52.9205, 0.3080, 0.2534



52.9205, 0.4300, 0.3726



52.9205, 0.3086, 0.4244



52.9205, 0.2077, 0.2689

Rectangle

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



52.9205, 0.3080, 0.2534



52.9205, 0.4018, 0.3123



52.9205, 0.3086, 0.4244



52.9205, 0.2292, 0.3376

Sweetspot

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



52.9228, 0.3080, 0.2534



85.6183, 0.3116, 0.3067



48.5198, 0.2618, 0.2558



17.8627, 0.3114, 0.3030



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.



52.9228, 0.3080, 0.2534



52.3937, 0.3065, 0.2366



53.2438, 0.3368, 0.2795



16.6441, 0.3116, 0.3055



11.0399, 0.2858, 0.1348



1.0019, 0.2905, 0.1374

Inverse Universe

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



51.5324, 0.3697, 0.3182



50.6611, 0.3877, 0.3157



76.7446, 0.2947, 0.3844



16.5202, 0.3272, 0.3257



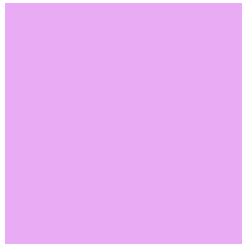
10.5325, 0.6216, 0.3198



0.9371, 0.5925, 0.3038

Previews

White Background



This preview shows how the Yxy color 52.9205, 0.3080, 0.2534 looks on a white background.

Color Contrast Check

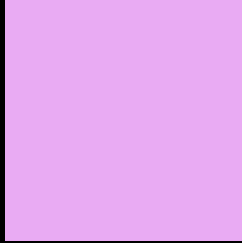
Large Text (above 18pt) WCAG AA × Fail

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 52.9205, 0.3080, 0.2534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

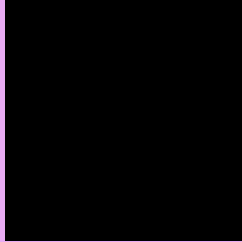
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.9205, 0.3080, 0.2534

Background



This preview shows how black text looks on a background with the Yxy color 52.9205, 0.3080, 0.2534.

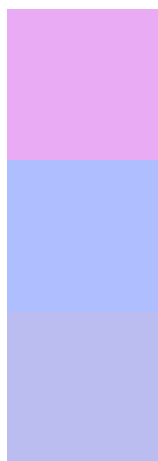


This preview shows how white text looks on a background with the Yxy color 52.9205, 0.3080, 0.2534.

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

52.9205, 0.3080, 0.2534

Protanopia

53.1609, 0.2587, 0.2540

Deuteranopia

53.2513, 0.2755, 0.2696



Tritanopia

52.7063, 0.3412, 0.3131

Trichromacy



Original Color

52.9205, 0.3080, 0.2534



Protanomaly

52.5678, 0.2745, 0.2526



Deuteranomaly

52.6441, 0.2868, 0.2626



Tritanomaly

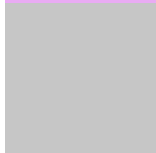
52.8558, 0.3290, 0.2902

Monochromacy



Original Color

52.9205, 0.3080, 0.2534



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

54.6704, 0.3117, 0.2990

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.9205, 0.3080, 0.2534 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(233, 171, 243)` looks like.

```
.text, #text, p{  
    color:rgb(233, 171, 243)  
}
```

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(233, 171, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 171, 243) }
```

Border

The CSS property to change the border of an element to Yxy 52.9205, 0.3080, 0.2534 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(233, 171, 243) }
```

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

```
.border{ border-color:rgb(233, 171, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 171, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 171, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 171, 243);  
box-shadow:4px 4px 4px 4px rgb(233, 171,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 52.9205, 0.3080, 0.2534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 171, 243) }
```

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

```
.background{ background-color: rgb(233,  
171, 243) }
```

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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