

Converting Colors

$Y_{xy}(55.0735, 0.3025, 0.2731)$

Have a look what the booklet for
Yxy(55.0735, 0.3025, 0.2731)
contains.

Yxy(55.1269, 0.3026, 0.2738)	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(55.1269, 0.3026, 0.2738)

Conversions

Conversions Part 1

Format	Color
Hex	DAB8EA
RGB	218, 184, 234
RGB Percent	85%, 72%, 92%
CMY	0.1448, 0.2785, 0.0823
CMYK	0.07, 0.21, 0.00, 0.08
HSL	281°, 54%, 82%
HSV	281°, 21%, 92%
XYZ	60.9255, 55.1269, 85.2876
YIQ	199.8660, 4.2140, 22.7580

Conversions

Conversions Part 2

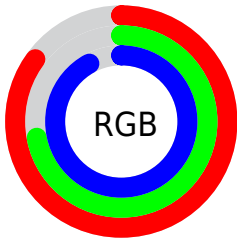
Format	Color
RYB	218, 184, 234
Decimal	14334186
CIELab	79.11, 21.14, -20.37
CIELCh	79, 29.356, 316.055
Yxy	55.1269, 0.3026, 0.2738
Android (android.graphics.Color)	4292524266 (0xFFDAB8EA)
YUV	199.8660, 16.8281, 15.9035
Hunter-Lab	74.2475, 16.5392, -16.1328

Details

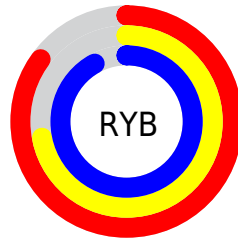
The Yxy color **55.1269, 0.3026, 0.2738** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **74.5855, 0.3207, 0.3866**, and the grayscale version is **57.5708, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8002, 0.3134, 0.3146**, and **27.2335, 0.2999, 0.2613** is the 20% darker color. If you saturate the color by 10%, you get **45.0755, 0.2965, 0.2462**, and if you desaturate by 10%, it is **66.8428, 0.3078, 0.3005**.

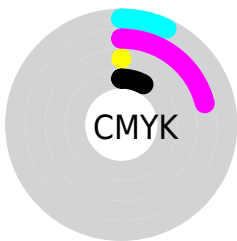
Distribution



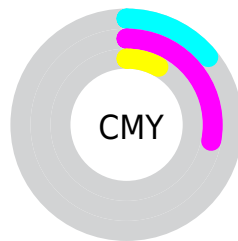
- Red (85%)
- Green (72%)
- Blue (92%)



- Red (85%)
- Yellow (72%)
- Blue (92%)



- Cyan (7%)
- Magenta (21%)
- Yellow (0%)
- Black (8%)




- Cyan (14%)
- Magenta (28%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.1269, 0.3026, 0.2738 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 55.1269, 0.3026, 0.2738 by changing the saturation by 10% instead.


 55.1269, 0.3026,
0.2738

 55.1269, 0.3026,
0.2738


406.3928, 0.3079,
0.2995

 39.5033, 0.3012,
0.2679


 97.7269, 0.3046,
0.2827

 27.1515, 0.2995,
0.2606


125.4720, 0.3053,
0.2862

 17.6870, 0.2971,
0.2514


158.0265, 0.3059,
0.2892

 10.7255, 0.2938,
0.2394

195.7748, 0.3064,
0.2918

 5.8826, 0.2889,
0.2231

239.1011, 0.3069,
0.2941

 2.7738, 0.2810,
0.1998

288.3900, 0.3072,

 1.0148, 0.2667,

0.2961

0.1643

344.0257, 0.3076,
0.2979

0.0000, 0.2368,
0.0000

0.0000, 0.0000,
0.0000

55.1269, 0.3026,
0.2738

55.1269, 0.3026,
0.2738

45.0755, 0.2965,
0.2462

66.8428, 0.3078,
0.3005

36.6019, 0.2896,
0.2186

80.2904, 0.3122,
0.3256

29.6220, 0.2819,
0.1918

95.5418, 0.3158,
0.3490

24.0410, 0.2736,
0.1672

97.3992, 0.3204,
0.3496

■ 19.7528, 0.2649,
0.1459

■ 98.7218, 0.3250,
0.3493

■ 16.6359, 0.2562,
0.1289

■ 14.5447, 0.2477,
0.1169

■ 13.3628, 0.2407,
0.1100

Harmonies

Analogous

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



55.1269, 0.2680, 0.2659



55.1269, 0.3026, 0.2738



55.1269, 0.3421, 0.2942

Triad

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



55.1269, 0.3026, 0.2738



55.1269, 0.3826, 0.3824



55.1269, 0.2536, 0.3305

Complementary

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



55.1269, 0.3026, 0.2738



74.5855, 0.3207, 0.3866

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.



55.1269, 0.2816, 0.3677



55.1269, 0.3026, 0.2738



55.1269, 0.3562, 0.3979

Square

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



55.1269, 0.3026, 0.2738



55.1269, 0.3900, 0.3547



55.1269, 0.3190, 0.3933



55.1269, 0.2412, 0.2957

Rectangle

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



55.1269, 0.3026, 0.2738



55.1269, 0.3655, 0.3128



55.1269, 0.3190, 0.3933



55.1269, 0.2614, 0.3433

Sweetspot

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



55.1292, 0.3026, 0.2738



89.7112, 0.3102, 0.3142



57.7416, 0.2782, 0.2898



18.9723, 0.3100, 0.3125



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.



55.1292, 0.3026, 0.2738



60.9590, 0.2998, 0.2608



57.2391, 0.3216, 0.2843



15.0593, 0.3087, 0.3054



7.5778, 0.2420, 0.1107



0.6462, 0.2531, 0.1168

Inverse Universe

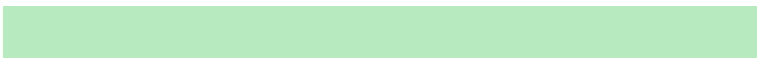
The Inverse Universe completely reimagines the original color for something new.



55.9317, 0.3424, 0.3115



62.1702, 0.3509, 0.3074



72.8652, 0.3049, 0.3783



15.1331, 0.3243, 0.3215



10.1319, 0.5692, 0.2909



0.8125, 0.5300, 0.2694

Previews

White Background



This preview shows how the Yxy color 55.1269, 0.3026, 0.2738 looks on a white background.

Color Contrast Check

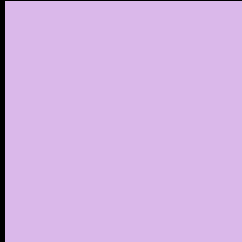
Large Text (above 18pt) WCAG AA × Fail

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 55.1269, 0.3026, 0.2738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

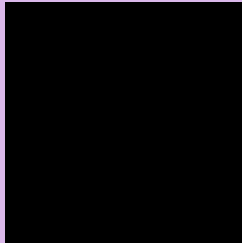
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.1269, 0.3026, 0.2738

Background



This preview shows how black text looks on a background with the Yxy color 55.1269, 0.3026, 0.2738.



This preview shows how white text looks on a background with the Yxy color 55.1269, 0.3026, 0.2738.

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

55.1269, 0.3026, 0.2738

Protanopia

55.2487, 0.2740, 0.2743

Deuteranopia

55.4528, 0.2874, 0.2817



Tritanopia

55.0510, 0.3217, 0.3117

Trichromacy



Original Color

55.1269, 0.3026, 0.2738

Protanomaly

54.8703, 0.2840, 0.2740

Deuteranomaly

55.2575, 0.2933, 0.2790

Tritanomaly

54.8940, 0.3142, 0.2971

Monochromacy



Original Color

55.1269, 0.3026, 0.2738

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.6024, 0.3097, 0.3081

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1269, 0.3026, 0.2738 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(218, 184, 234)` looks like.

```
.text, #text, p{  
    color:rgb(218, 184, 234)  
}
```

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(218, 184, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 184, 234) }
```

Border

The CSS property to change the border of an element to Yxy 55.1269, 0.3026, 0.2738 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(218, 184, 234) }
```

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

```
.border{ border-color:rgb(218, 184, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 184, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 184, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 184, 234);  
box-shadow:4px 4px 4px 4px rgb(218, 184,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1269, 0.3026, 0.2738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 184, 234) }
```

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

```
.background{ background-color: rgb(218,  
184, 234) }
```

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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