

Converting Colors

$Yxy(59.9876, 0.3078, 0.2733)$

Have a look what the booklet for
Yxy(59.9876, 0.3078, 0.2733)
contains.

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Color

Yxy(59.9618, 0.3076, 0.2732)

Conversions

Conversions Part 1

Format	Color
Hex	E8BDF2
RGB	232, 189, 242
RGB Percent	91%, 74%, 95%
CMY	0.0900, 0.2589, 0.0510
CMYK	0.04, 0.22, 0.00, 0.05
HSL	289°, 67%, 85%
HSV	289°, 22%, 95%
XYZ	67.5119, 59.9618, 92.0058
YIQ	207.8990, 8.6150, 25.5990

Conversions

Conversions Part 2

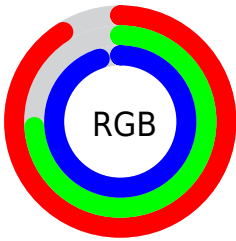
Format	Color
R _Y B	232, 189, 242
Decimal	15252978
CIE Lab	81.82, 24.49, -20.43
CIE LCh	82, 31.895, 320.166
Yxy	59.9618, 0.3076, 0.2732
Android (android.graphics.Color)	4293443058 (0xFFE8BDF2)
YUV	207.8990, 16.8118, 21.1366
Hunter-Lab	77.4350, 20.1144, -16.2420

Details

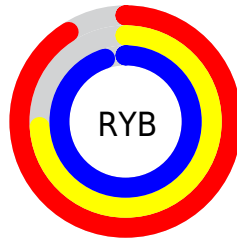
The Yxy color **59.9618, 0.3076, 0.2732** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **79.3001, 0.3163, 0.3891**, and the grayscale version is **62.8961, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7848, 0.3132, 0.3194**, and **30.1032, 0.3056, 0.2597** is the 20% darker color. If you saturate the color by 10%, you get **49.6588, 0.3044, 0.2467**, and if you desaturate by 10%, it is **72.0262, 0.3102, 0.2993**.

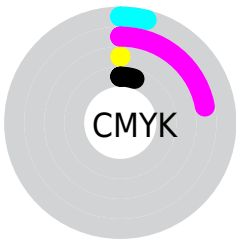
Distribution



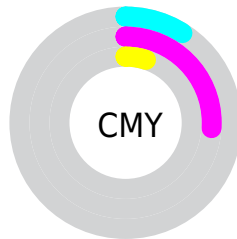
- Red (91%)
- Green (74%)
- Blue (95%)



- Red (91%)
- Yellow (74%)
- Blue (95%)



- Cyan (4%)
- Magenta (22%)
- Yellow (0%)
- Black (5%)





- Cyan (9%)
- Magenta (26%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.9618, 0.3076, 0.2732 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 59.9618, 0.3076, 0.2732 by changing the saturation by 10% instead.


 59.9618, 0.3076,
0.2732

 59.9618, 0.3076,
0.2732


424.4570, 0.3105,
0.2987

 43.3878, 0.3068,
0.2675


 104.7743, 0.3087,
0.2820

 30.1895, 0.3058,
0.2604


133.7815, 0.3091,
0.2854

 19.9825, 0.3044,
0.2516


167.7021, 0.3094,
0.2884

 12.3823, 0.3024,
0.2402

206.9202, 0.3097,
0.2910

 7.0046, 0.2994,
0.2249

251.8204, 0.3099,
0.2933

 3.4650, 0.2944,
0.2035

302.7870, 0.3102,

 1.3790, 0.2854,


0.2953


0.1719


360.2044, 0.3103,
0.2971

 0.2012, 0.2807,
0.0716


 0.0000, 0.0000,
0.0000


 59.9618, 0.3076,
0.2732


 59.9618, 0.3076,
0.2732


 49.6588, 0.3044,
0.2467


 72.0262, 0.3102,
0.2993


 41.0233, 0.3008,
0.2207

 85.9246, 0.3124,
0.3244

 33.9643, 0.2966,
0.1961

 97.4610, 0.3144,
0.3417

 28.3788, 0.2920,
0.1742

 98.2901, 0.3172,
0.3416

■ 24.1516, 0.2871,
0.1559

■ 99.1394, 0.3201,
0.3415

■ 21.1500, 0.2821,
0.1419

■ 99.1898, 0.3203,
0.3415

■ 19.2146, 0.2771,
0.1326

■ 18.2272, 0.2731,
0.1278

Harmonies

Analogous

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



59.9618, 0.2699, 0.2628



59.9618, 0.3076, 0.2732



59.9618, 0.3492, 0.2961

Triad

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



59.9618, 0.3076, 0.2732



59.9618, 0.3837, 0.3885



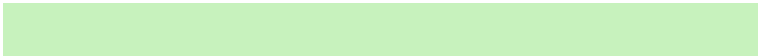
59.9618, 0.2476, 0.3249

Complementary

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



59.9618, 0.3076, 0.2732



79.3001, 0.3163, 0.3891

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.



59.9618, 0.2750, 0.3650



59.9618, 0.3076, 0.2732



59.9618, 0.3535, 0.4026

Square

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



59.9618, 0.3076, 0.2732



59.9618, 0.3947, 0.3603



59.9618, 0.3135, 0.3947



59.9618, 0.2371, 0.2895

Rectangle

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



59.9618, 0.3076, 0.2732



59.9618, 0.3728, 0.3162



59.9618, 0.3135, 0.3947



59.9618, 0.2550, 0.3384

Sweetspot

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



59.9644, 0.3076, 0.2732



88.5060, 0.3113, 0.3117



58.3458, 0.2766, 0.2803



18.7423, 0.3112, 0.3102



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.



59.9644, 0.3076, 0.2732



62.4641, 0.3063, 0.2621



60.7610, 0.3273, 0.2901



15.8729, 0.3108, 0.3055



9.8497, 0.2739, 0.1282



0.8576, 0.2804, 0.1318

Inverse Universe

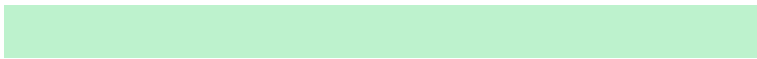
The Inverse Universe completely reimagines the original color for something new.



59.3854, 0.3491, 0.3184



61.7495, 0.3582, 0.3163



78.7142, 0.3007, 0.3713



15.8073, 0.3264, 0.3246



10.2590, 0.6106, 0.3137



0.8667, 0.5760, 0.2947

Previews

White Background



This preview shows how the Yxy color 59.9618, 0.3076, 0.2732 looks on a white background.

Color Contrast Check

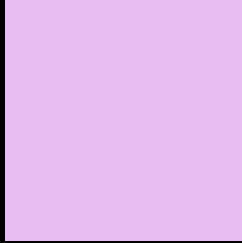
Large Text (above 18pt) WCAG AA × Fail

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 59.9618, 0.3076, 0.2732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

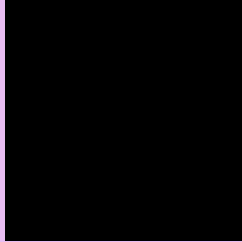
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.9618, 0.3076, 0.2732

Background



This preview shows how black text looks on a background with the Yxy color 59.9618, 0.3076, 0.2732.

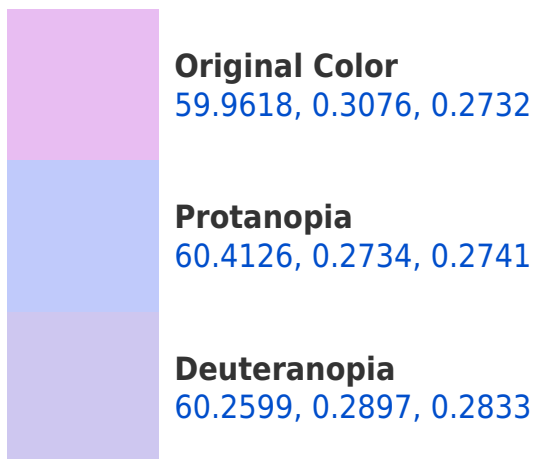


This preview shows how white text looks on a background with the Yxy color 59.9618, 0.3076, 0.2732.

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





Tritanopia

60.0143, 0.3271, 0.3124

Trichromacy



Original Color

59.9618, 0.3076, 0.2732

Protanomaly

59.9752, 0.2851, 0.2730

Deuteranomaly

59.8282, 0.2954, 0.2787

Tritanomaly

60.0719, 0.3197, 0.2975

Monochromacy



Original Color

59.9618, 0.3076, 0.2732

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

61.6923, 0.3114, 0.3078

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.9618, 0.3076, 0.2732 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(232, 189, 242)` looks like.

```
.text, #text, p{  
    color:rgb(232, 189, 242)  
}
```

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(232, 189, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 189, 242) }
```

Border

The CSS property to change the border of an element to Yxy 59.9618, 0.3076, 0.2732 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(232, 189, 242) }
```

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

```
.border{ border-color:rgb(232, 189, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 189, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 189, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 189, 242);  
box-shadow:4px 4px 4px 4px rgb(232, 189,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 59.9618, 0.3076, 0.2732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 189, 242) }
```

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

```
.background{ background-color: rgb(232,  
189, 242) }
```

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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