

Converting Colors

$Y_{xy}(60.2982, 0.2977, 0.2580)$

Have a look what the booklet for
Yxy(60.2982, 0.2977, 0.2580)
contains.

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Color

Yxy(60.3422, 0.2984, 0.2598)

Conversions

Conversions Part 1

Format	Color
Hex	E8BCFF
RGB	232, 188, 255
RGB Percent	91%, 74%, 100%
CMY	0.0903, 0.2627, 0.0000
CMYK	0.09, 0.26, 0.00, 0.00
HSL	279°, 100%, 87%
HSV	279°, 26%, 100%
XYZ	69.3076, 60.3422, 102.6143
YIQ	208.7940, 4.7170, 30.1650

Conversions

Conversions Part 2

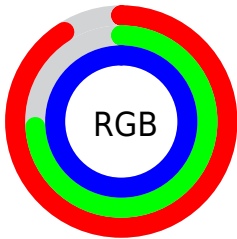
Format	Color
R _Y B	232, 188, 255
Decimal	15252735
CIE Lab	82.02, 27.52, -27.08
CIE LCh	82, 38.611, 315.466
Yxy	60.3422, 0.2984, 0.2598
Android (android.graphics.Color)	4293442815 (0xFFE8BCFF)
YUV	208.7940, 22.7796, 20.3517
Hunter-Lab	77.6802, 23.3202, -23.9449

Details

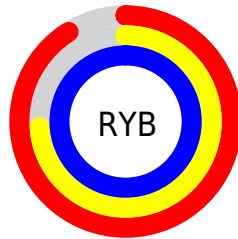
The Yxy color $60.3422, 0.2984, 0.2598$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $89.0056, 0.3235, 0.4015$, and the grayscale version is $63.4654, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.1814, 0.3132, 0.3185$, and $30.3575, 0.2945, 0.2442$ is the 20% darker color. If you saturate the color by 10%, you get $48.9634, 0.2913, 0.2317$, and if you desaturate by 10%, it is $73.7221, 0.3046, 0.2873$.

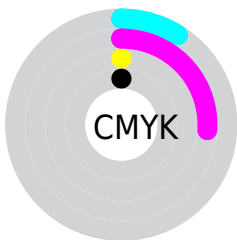
Distribution



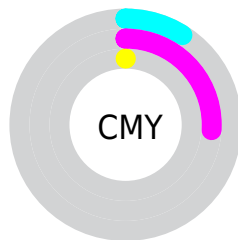
- Red (91%)
- Green (74%)
- Blue (100%)



- Red (91%)
- Yellow (74%)
- Blue (100%)



- Cyan (9%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)




- Cyan (9%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.3422, 0.2984, 0.2598 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 60.3422, 0.2984, 0.2598 by changing the saturation by 10% instead.

 60.3422, 0.2984,
0.2598

 60.3422, 0.2984,
0.2598


425.8580, 0.3058,
0.2911

 43.6945, 0.2965,
0.2529


 105.3259, 0.3011,
0.2705

 30.4304, 0.2942,
0.2444


134.4307, 0.3021,
0.2747

 20.1655, 0.2910,
0.2339


168.4567, 0.3030,
0.2783

 12.5154, 0.2867,
0.2206

207.7883, 0.3037,
0.2815

 7.0957, 0.2806,
0.2030

252.8098, 0.3043,
0.2843

 3.5220, 0.2711,
0.1790


303.9056, 0.3049,

 1.4100, 0.2551,


0.2868

0.1450


361.4602, 0.3054,
0.2890


 0.2241, 0.2339,
0.0592


 0.0000, 0.0000,
0.0000


 60.3422, 0.2984,
0.2598

 60.3422, 0.2984,
0.2598

 48.9634, 0.2913,
0.2317

 73.7221, 0.3046,
0.2873

 39.4785, 0.2833,
0.2038

 89.1932, 0.3099,
0.3135

 31.7776, 0.2745,
0.1774

100.0000, 0.3127,
0.3290

 25.7370, 0.2652,
0.1538

■ 21.2167, 0.2557,
0.1341

■ 18.0531, 0.2464,
0.1192

■ 16.0425, 0.2375,
0.1093

■ 15.4744, 0.2344,
0.1065

Harmonies

Analogous

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



60.3422, 0.2554, 0.2500



60.3422, 0.2984, 0.2598



60.3422, 0.3489, 0.2847

Triad

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



60.3422, 0.2984, 0.2598



60.3422, 0.4018, 0.3950



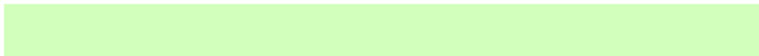
60.3422, 0.2386, 0.3310

Complementary

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



60.3422, 0.2984, 0.2598



89.0056, 0.3235, 0.4015

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.



60.3422, 0.2735, 0.3799



60.3422, 0.2984, 0.2598



60.3422, 0.3679, 0.4168

Square

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



60.3422, 0.2984, 0.2598



60.3422, 0.4113, 0.3592



60.3422, 0.3207, 0.4130



60.3422, 0.2232, 0.2864

Rectangle

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



60.3422, 0.2984, 0.2598



60.3422, 0.3793, 0.3074



60.3422, 0.3207, 0.4130



60.3422, 0.2483, 0.3478

Sweetspot

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



60.3438, 0.2984, 0.2598



86.3622, 0.3090, 0.3091



64.7296, 0.2696, 0.2805



17.9696, 0.3083, 0.3052



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.



60.3438, 0.2984, 0.2598



53.5842, 0.2944, 0.2437



63.8215, 0.3232, 0.2725



17.9696, 0.3083, 0.3052



8.1716, 0.2358, 0.1072



0.8562, 0.2455, 0.1126

Inverse Universe

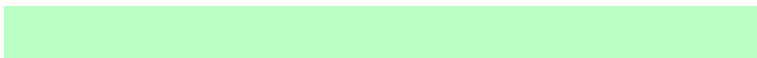
The Inverse Universe completely reimagines the original color for something new.



61.9369, 0.3501, 0.3054



55.5388, 0.3611, 0.3000



86.2930, 0.3037, 0.3930



18.0901, 0.3240, 0.3209



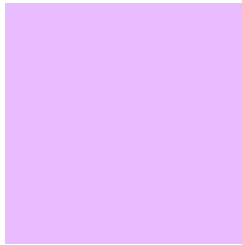
11.4990, 0.5607, 0.2863



1.1392, 0.5291, 0.2688

Previews

White Background



This preview shows how the Yxy color 60.3422, 0.2984, 0.2598 looks on a white background.

Color Contrast Check

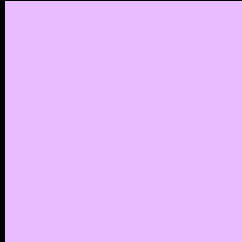
Large Text (above 18pt) WCAG AA × Fail

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 60.3422, 0.2984, 0.2598 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 60.3422, 0.2984, 0.2598

Background



This preview shows how black text looks on a background with the Yxy color 60.3422, 0.2984, 0.2598.

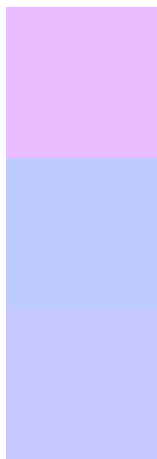


This preview shows how white text looks on a background with the Yxy color 60.3422, 0.2984, 0.2598.

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

60.3422, 0.2984, 0.2598

Protanopia

60.5374, 0.2704, 0.2699

Deuteranopia

60.5425, 0.2767, 0.2705



Tritanopia

60.1906, 0.3246, 0.3124

Trichromacy



Original Color

60.3422, 0.2984, 0.2598



Protanomaly

60.2743, 0.2800, 0.2659



Deuteranomaly

60.4845, 0.2841, 0.2664



Tritanomaly

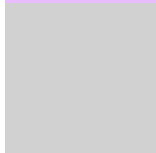
60.1800, 0.3152, 0.2922

Monochromacy



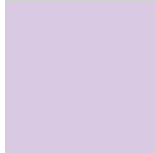
Original Color

60.3422, 0.2984, 0.2598



Achromatopsia

63.7597, 0.3127, 0.3290



Achromatomaly

62.0160, 0.3072, 0.3013

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3422, 0.2984, 0.2598 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, 188, 255)` looks like.

```
.text, #text, p{  
    color:rgb(232, 188, 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(232, 188, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 188, 255) }
```

Border

The CSS property to change the border of an element to Yxy 60.3422, 0.2984, 0.2598 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, 188, 255) }
```

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

```
.border{ border-color:rgb(232, 188, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 188, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 188, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 188, 255);  
box-shadow:4px 4px 4px 4px rgb(232, 188,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3422, 0.2984, 0.2598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 188, 255) }
```

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

```
.background{ background-color: rgb(232,  
188, 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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