

Converting Colors

$Y_{xy}(62.7833, 0.2981, 0.2658)$

Have a look what the booklet for
Yxy(62.7833, 0.2981, 0.2658)
contains.

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Color

Yxy(62.9594, 0.2985, 0.2661)

Conversions

Conversions Part 1

Format	Color
Hex	E8C2FF
RGB	232, 194, 255
RGB Percent	91%, 76%, 100%
CMY	0.0901, 0.2392, 0.0001
CMYK	0.09, 0.24, 0.00, 0.00
HSL	277°, 100%, 88%
HSV	277°, 24%, 100%
XYZ	70.6253, 62.9594, 103.0159
YIQ	212.3160, 3.0670, 27.0270

Conversions

Conversions Part 2

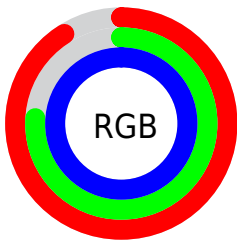
Format	Color
R_{YB}	232, 194, 255
Decimal	15254271
CIE _{Lab}	83.42, 24.33, -24.93
CIE _{LCh}	83, 34.835, 314.313
Yxy	62.9594, 0.2985, 0.2661
Android (android.graphics.Color)	4293444351 (0xFFE8C2FF)
YUV	212.3160, 21.0432, 17.2629
Hunter-Lab	79.3470, 20.0224, -21.4331

Details

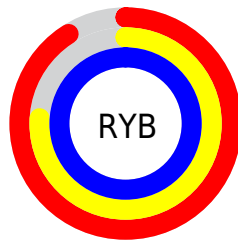
The Yxy color **62.9594, 0.2985, 0.2661** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **90.1409, 0.3239, 0.3940**, and the grayscale version is **65.9184, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4744, 0.3129, 0.3252**, and **32.0635, 0.2947, 0.2521** is the 20% darker color. If you saturate the color by 10%, you get **51.0079, 0.2908, 0.2377**, and if you desaturate by 10%, it is **76.9508, 0.3051, 0.2935**.

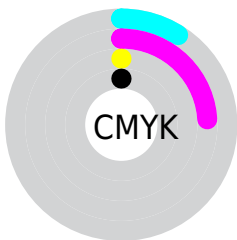
Distribution



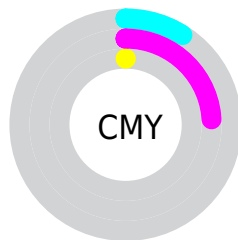
- Red (91%)
- Green (76%)
- Blue (100%)



- Red (91%)
- Yellow (76%)
- Blue (100%)



- Cyan (9%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)





- Cyan (9%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.9594, 0.2985, 0.2661 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 62.9594, 0.2985, 0.2661 by changing the saturation by 10% instead.

 62.9594, 0.2985,
0.2661

 62.9594, 0.2985,
0.2661


435.4221, 0.3057,
0.2945

 45.8084, 0.2967,
0.2598


 109.1109, 0.3011,
0.2758

 32.0946, 0.2945,
0.2521


138.8802, 0.3021,
0.2796

 21.4338, 0.2915,
0.2426

173.6244, 0.3029,
0.2829

 13.4415, 0.2875,
0.2304

213.7278, 0.3036,
0.2858

 7.7332, 0.2818,
0.2143

259.5749, 0.3042,
0.2884

 3.9247, 0.2731,
0.1923

311.5501, 0.3048,

 1.6315, 0.2587,

0.2906

0.1607

370.0377, 0.3053,
0.2927

0.3787, 0.2368,
0.0935

0.0000, 0.0000,
0.0000

62.9594, 0.2985,
0.2661

62.9594, 0.2985,
0.2661

51.0079, 0.2908,
0.2377

76.9508, 0.3051,
0.2935

40.9877, 0.2822,
0.2093

93.0679, 0.3108,
0.3194

32.7917, 0.2727,
0.1819

99.9984, 0.3127,
0.3290

26.2992, 0.2626,
0.1568

■ 21.3743, 0.2523,
0.1355

■ 17.8595, 0.2421,
0.1188

■ 15.5626, 0.2324,
0.1073

■ 14.5951, 0.2268,
0.1023

Harmonies

Analogous

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



62.9594, 0.2603, 0.2580



62.9594, 0.2985, 0.2661



62.9594, 0.3434, 0.2882

Triad

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



62.9594, 0.2985, 0.2661



62.9594, 0.3931, 0.3874



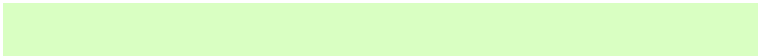
62.9594, 0.2473, 0.3328

Complementary

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



62.9594, 0.2985, 0.2661



90.1409, 0.3239, 0.3940

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.



62.9594, 0.2795, 0.3755



62.9594, 0.2985, 0.2661



62.9594, 0.3638, 0.4068

Square

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



62.9594, 0.2985, 0.2661



62.9594, 0.4002, 0.3554



62.9594, 0.3220, 0.4037



62.9594, 0.2325, 0.2928

Rectangle

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



62.9594, 0.2985, 0.2661



62.9594, 0.3706, 0.3086



62.9594, 0.3220, 0.4037



62.9594, 0.2564, 0.3476

Sweetspot

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



62.9621, 0.2985, 0.2661



87.8839, 0.3091, 0.3116



68.5047, 0.2739, 0.2877



18.5980, 0.3088, 0.3100



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.



62.9621, 0.2985, 0.2661



56.6484, 0.2947, 0.2518



66.6059, 0.3207, 0.2758



17.9390, 0.3077, 0.3051



7.7161, 0.2283, 0.1031



0.8138, 0.2387, 0.1089

Inverse Universe

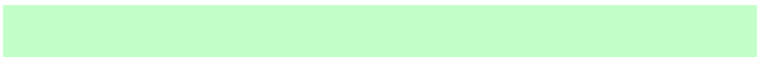
The Inverse Universe completely reimagines the original color for something new.



64.8436, 0.3443, 0.3056



58.9251, 0.3531, 0.3004



87.1953, 0.3056, 0.3888



18.1001, 0.3235, 0.3201



11.5760, 0.5480, 0.2793



1.1475, 0.5171, 0.2622

Previews

White Background



This preview shows how the Yxy color 62.9594, 0.2985, 0.2661 looks on a white background.

Color Contrast Check

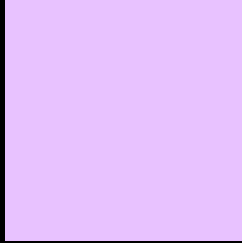
Large Text (above 18pt) WCAG AA × Fail

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 62.9594, 0.2985, 0.2661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

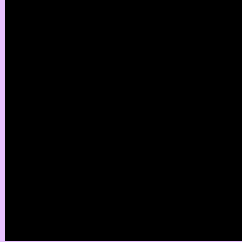
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.9594, 0.2985, 0.2661

Background



This preview shows how black text looks on a background with the Yxy color 62.9594, 0.2985, 0.2661.

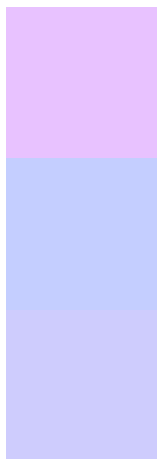


This preview shows how white text looks on a background with the Yxy color 62.9594, 0.2985, 0.2661.

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

62.9594, 0.2985, 0.2661

Protanopia

63.0984, 0.2741, 0.2750

Deuteranopia

63.3994, 0.2817, 0.2757



Tritanopia

62.9518, 0.3205, 0.3115

Trichromacy



Original Color

62.9594, 0.2985, 0.2661

Protanomaly

63.0164, 0.2824, 0.2719

Deuteranomaly

62.9114, 0.2871, 0.2713

Tritanomaly

62.6517, 0.3121, 0.2935

Monochromacy



Original Color

62.9594, 0.2985, 0.2661

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

64.3241, 0.3072, 0.3038

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.9594, 0.2985, 0.2661 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, 194, 255)` looks like.

```
.text, #text, p{  
    color:rgb(232, 194, 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, 194, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 194, 255) }
```

Border

The CSS property to change the border of an element to Yxy 62.9594, 0.2985, 0.2661 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, 194, 255) }
```

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

```
.border{ border-color:rgb(232, 194, 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, 194, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 194, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 194, 255);  
box-shadow:4px 4px 4px 4px rgb(232, 194,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 62.9594, 0.2985, 0.2661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 194, 255) }
```

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

```
.background{ background-color: rgb(232,  
194, 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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