

Converting Colors

$Y_{xy}(74.0761, 0.2316, 0.1752)$

Have a look what the booklet for
Yxy(74.0761, 0.2316, 0.1752)
contains.

Yxy(62.9082, 0.2963, 0.2667)	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(62.9082, 0.2963, 0.2667)

Conversions

Conversions Part 1

Format	Color
Hex	E5C3FF
RGB	229, 195, 255
RGB Percent	90%, 76%, 100%
CMY	0.1018, 0.2353, 0.0000
CMYK	0.10, 0.24, 0.00, 0.00
HSL	274°, 100%, 88%
HSV	274°, 24%, 100%
XYZ	69.8901, 62.9082, 103.0779
YIQ	212.0060, 1.0040, 25.8680

Conversions

Conversions Part 2

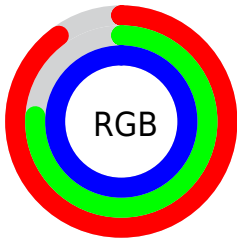
Format	Color
R _Y B	229, 195, 255
Decimal	15057919
CIE Lab	83.39, 22.87, -25.01
CIE LCh	83, 33.894, 312.445
Yxy	62.9082, 0.2963, 0.2667
Android (android.graphics.Color)	4293247999 (0xFFE5C3FF)
YUV	212.0060, 21.1960, 14.9037
Hunter-Lab	79.3147, 18.4891, -21.5334

Details

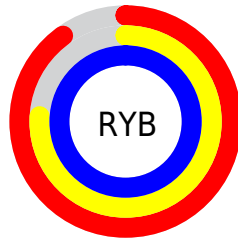
The Yxy color $62.9082, 0.2963, 0.2667$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $90.8226, 0.3259, 0.3925$, and the grayscale version is $65.7019, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.1008, 0.3128, 0.3261$, and $32.0112, 0.2918, 0.2528$ is the 20% darker color. If you saturate the color by 10%, you get $50.6856, 0.2874, 0.2379$, and if you desaturate by 10%, it is $77.2006, 0.3040, 0.2944$.

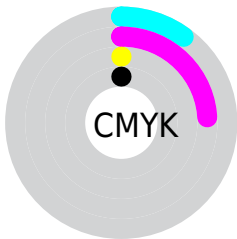
Distribution



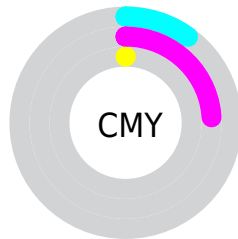
- Red (90%)
- Green (76%)
- Blue (100%)



- Red (90%)
- Yellow (76%)
- Blue (100%)



- Cyan (10%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)





- Cyan (10%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.9082, 0.2963, 0.2667 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 62.9082, 0.2963, 0.2667 by changing the saturation by 10% instead.


 62.9082, 0.2963,
0.2667

 62.9082, 0.2963,
0.2667


435.2363, 0.3045,
0.2949

 45.7669, 0.2943,
0.2604


 109.0371, 0.2992,
0.2763

 32.0620, 0.2918,
0.2528


138.7935, 0.3004,
0.2801

 21.4088, 0.2885,
0.2433


173.5237, 0.3013,
0.2834

 13.4232, 0.2840,
0.2312

213.6122, 0.3021,
0.2863

 7.7206, 0.2777,
0.2151

259.4433, 0.3028,
0.2888

 3.9167, 0.2682,
0.1931

311.4014, 0.3035,

 1.6271, 0.2526,

0.2910

0.1615

369.8709, 0.3040,
0.2931

0.3757, 0.2288,
0.0937

0.0000, 0.0000,
0.0000

62.9082, 0.2963,
0.2667

62.9082, 0.2963,
0.2667

50.6856, 0.2874,
0.2379

77.2006, 0.3040,
0.2944

40.4264, 0.2774,
0.2086

93.6519, 0.3106,
0.3203

32.0223, 0.2665,
0.1802

100.0000, 0.3127,
0.3290

25.3522, 0.2549,
0.1540

■ 20.2801, 0.2431,
0.1314

■ 16.6484, 0.2316,
0.1135

■ 14.2658, 0.2208,
0.1011

■ 13.2140, 0.2143,
0.0954

Harmonies

Analogous

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



62.9082, 0.2598, 0.2598



62.9082, 0.2963, 0.2667



62.9082, 0.3399, 0.2875

Triad

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



62.9082, 0.2963, 0.2667



62.9082, 0.3921, 0.3843



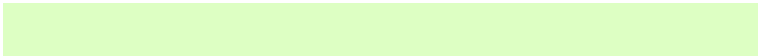
62.9082, 0.2505, 0.3355

Complementary

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



62.9082, 0.2963, 0.2667



90.8226, 0.3259, 0.3925

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.



62.9082, 0.2828, 0.3764



62.9082, 0.2963, 0.2667



62.9082, 0.3648, 0.4041

Square

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



62.9082, 0.2963, 0.2667



62.9082, 0.3974, 0.3527



62.9082, 0.3245, 0.4025



62.9082, 0.2348, 0.2959

Rectangle

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



62.9082, 0.2963, 0.2667



62.9082, 0.3668, 0.3072



62.9082, 0.3245, 0.4025



62.9082, 0.2597, 0.3498

Sweetspot

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



62.9099, 0.2963, 0.2667



87.7004, 0.3085, 0.3116



70.5294, 0.2748, 0.2919



18.5555, 0.3081, 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.



62.9099, 0.2963, 0.2667



57.2016, 0.2925, 0.2539



67.2494, 0.3183, 0.2739



17.8864, 0.3068, 0.3051



6.9945, 0.2159, 0.0963



0.7456, 0.2273, 0.1026

Inverse Universe

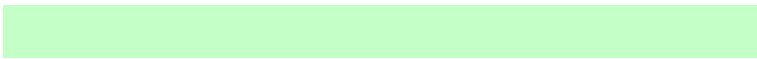
The Inverse Universe completely reimagines the original color for something new.



65.5018, 0.3410, 0.3027



60.2546, 0.3479, 0.2974



87.2434, 0.3074, 0.3911



18.1175, 0.3226, 0.3188



11.7289, 0.5250, 0.2666



1.1634, 0.4961, 0.2507

Previews

White Background



This preview shows how the Yxy color 62.9082, 0.2963, 0.2667 looks on a white background.

Color Contrast Check

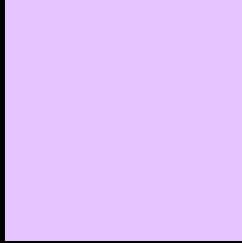
Large Text (above 18pt) WCAG AA × Fail

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 62.9082, 0.2963, 0.2667 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 62.9082, 0.2963, 0.2667

Background



This preview shows how black text looks on a background with the Yxy color 62.9082, 0.2963, 0.2667.

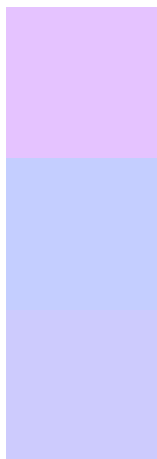


This preview shows how white text looks on a background with the Yxy color 62.9082, 0.2963, 0.2667.

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

62.9082, 0.2963, 0.2667

Protanopia

63.0984, 0.2741, 0.2750

Deuteranopia

62.7829, 0.2810, 0.2745



Tritanopia

62.9910, 0.3174, 0.3114

Trichromacy



Original Color

62.9082, 0.2963, 0.2667

Protanomaly

62.8710, 0.2817, 0.2717

Deuteranomaly

62.7605, 0.2864, 0.2712

Tritanomaly

62.6239, 0.3098, 0.2944

Monochromacy



Original Color

62.9082, 0.2963, 0.2667

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

64.6495, 0.3064, 0.3048

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.9082, 0.2963, 0.2667 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(229, 195, 255)` looks like.

```
.text, #text, p{  
    color:rgb(229, 195, 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(229, 195, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 195, 255) }
```

Border

The CSS property to change the border of an element to Yxy 62.9082, 0.2963, 0.2667 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(229, 195, 255) }
```

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

```
.border{ border-color:rgb(229, 195, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 195, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 195, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 195, 255);  
box-shadow:4px 4px 4px 4px rgb(229, 195,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 62.9082, 0.2963, 0.2667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 195, 255) }
```

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

```
.background{ background-color: rgb(229,  
195, 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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