

Converting Colors

$Y_{xy}(62.1159, 0.2972, 0.2767)$

Have a look what the booklet for
Yxy(62.1159, 0.2972, 0.2767)
contains.

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Color

Yxy(62.1159, 0.2972, 0.2767)

Conversions

Conversions Part 1

Format	Color
Hex	DEC5F6
RGB	222, 197, 246
RGB Percent	87%, 77%, 96%
CMY	0.1295, 0.2274, 0.0353
CMYK	0.10, 0.20, 0.00, 0.04
HSL	271°, 73%, 87%
HSV	271°, 20%, 96%
XYZ	66.7179, 62.1159, 95.6544
YIQ	210.0610, -0.8290, 20.5390

Conversions

Conversions Part 2

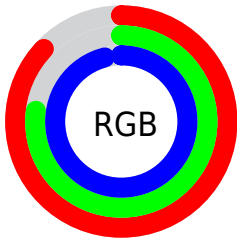
Format	Color
RYB	222, 197, 246
Decimal	14599670
CIELab	82.98, 17.75, -20.90
CIElCh	83, 27.419, 310.333
Yxy	62.1159, 0.2972, 0.2767
Android (android.graphics.Color)	4292789750 (0xFFDEC5F6)
YUV	210.0610, 17.7179, 10.4705
Hunter-Lab	78.8136, 13.1813, -16.7895

Details

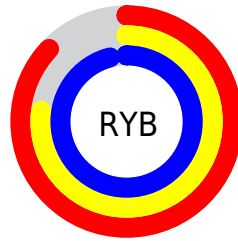
The Yxy color $62.1159, 0.2972, 0.2767$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $85.3156, 0.3258, 0.3815$, and the grayscale version is $64.3726, 0.3127, 0.3290$.

A 20% lighter version of the original color is $99.3636, 0.3128, 0.3281$, and $31.5781, 0.2931, 0.2640$ is the 20% darker color. If you saturate the color by 10%, you get $50.0059, 0.2875, 0.2478$, and if you desaturate by 10%, it is $76.1902, 0.3056, 0.3040$.

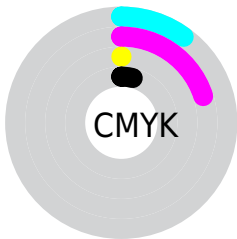
Distribution



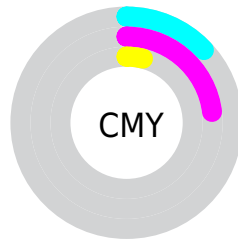
- Red (87%)
- Green (77%)
- Blue (96%)



- Red (87%)
- Yellow (77%)
- Blue (96%)



- Cyan (10%)
- Magenta (20%)
- Yellow (0%)
- Black (4%)



- Cyan (13%)
- Magenta (23%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.1159, 0.2972, 0.2767 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 62.1159, 0.2972, 0.2767 by changing the saturation by 10% instead.

62.1159, 0.2972,
0.2767

62.1159, 0.2972,
0.2767

432.3537, 0.3049,
0.3007

45.1264, 0.2953,
0.2713

107.8930, 0.2999,
0.2850

31.5570, 0.2930,
0.2647

137.4494, 0.3010,
0.2882

21.0233, 0.2899,
0.2564

171.9635, 0.3019,
0.2910

13.1411, 0.2858,
0.2456

211.8197, 0.3026,
0.2934

7.5258, 0.2800,
0.2312

257.4024, 0.3033,
0.2955

3.7930, 0.2711,
0.2110

309.0961, 0.3039,

1.5585, 0.2564,

0.2974

0.1811

367.2851, 0.3044,
0.2991

0.3294, 0.2352,
0.1038

0.0000, 0.0000,
0.0000

62.1159, 0.2972,
0.2767

62.1159, 0.2972,
0.2767

50.0059, 0.2875,
0.2478

76.1902, 0.3056,
0.3040

39.7613, 0.2766,
0.2180

92.3059, 0.3128,
0.3292

31.2860, 0.2645,
0.1883

99.4333, 0.3179,
0.3376

24.4722, 0.2517,
0.1602

■ 19.1997, 0.2385,
0.1350

■ 15.3316, 0.2256,
0.1143

■ 12.7050, 0.2135,
0.0990

■ 11.0541, 0.2026,
0.0890

■ 11.0411, 0.2025,
0.0889

Harmonies

Analogous

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



62.1159, 0.2677, 0.2721



62.1159, 0.2972, 0.2767



62.1159, 0.3326, 0.2933

Triad

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



62.1159, 0.2972, 0.2767



62.1159, 0.3783, 0.3733



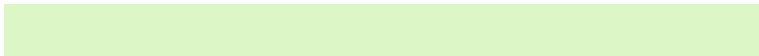
62.1159, 0.2633, 0.3370

Complementary

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



62.1159, 0.2972, 0.2767



85.3156, 0.3258, 0.3815

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.



62.1159, 0.2909, 0.3690



62.1159, 0.2972, 0.2767



62.1159, 0.3575, 0.3894

Square

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



62.1159, 0.2972, 0.2767



62.1159, 0.3809, 0.3472



62.1159, 0.3253, 0.3887



62.1159, 0.2490, 0.3046

Rectangle

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



62.1159, 0.2972, 0.2767



62.1159, 0.3546, 0.3094



62.1159, 0.3253, 0.3887



62.1159, 0.2713, 0.3484

Sweetspot

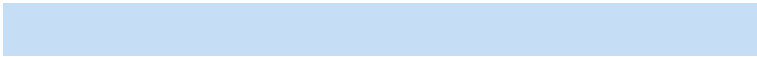
The Sweet Spot groups the original color and five complimentary colors.



62.1185, 0.2972, 0.2767



89.2284, 0.3085, 0.3141



70.5049, 0.2812, 0.3020



18.8582, 0.3081, 0.3124



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.



62.1185, 0.2972, 0.2767



61.7206, 0.2933, 0.2649



66.1841, 0.3150, 0.2795



16.3418, 0.3059, 0.3051



5.9775, 0.2042, 0.0898



0.5865, 0.2176, 0.0972

Inverse Universe

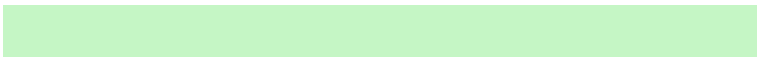
The Inverse Universe completely reimagines the original color for something new.



64.7529, 0.3335, 0.3041



65.1261, 0.3389, 0.2986



81.8109, 0.3101, 0.3841



16.6180, 0.3216, 0.3174



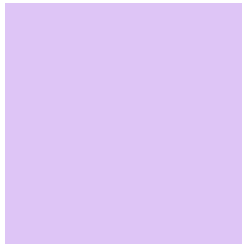
11.2181, 0.5001, 0.2529



1.0067, 0.4717, 0.2372

Previews

White Background



This preview shows how the Yxy color 62.1159, 0.2972, 0.2767 looks on a white background.

Color Contrast Check

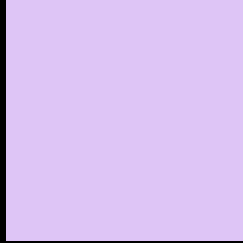
Large Text (above 18pt) WCAG AA × Fail

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 62.1159, 0.2972, 0.2767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

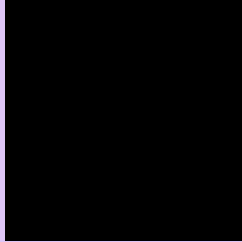
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.1159, 0.2972, 0.2767

Background



This preview shows how black text looks on a background with the Yxy color 62.1159, 0.2972, 0.2767.



This preview shows how white text looks on a background with the Yxy color 62.1159, 0.2972, 0.2767.

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

62.1159, 0.2972, 0.2767

Protanopia

62.3634, 0.2763, 0.2779

Deuteranopia

62.2435, 0.2880, 0.2818



Tritanopia

62.0547, 0.3128, 0.3111

Trichromacy



Original Color

62.1159, 0.2972, 0.2767

Protanomaly

62.0597, 0.2834, 0.2774

Deuteranomaly

62.0473, 0.2914, 0.2800

Tritanomaly

61.9701, 0.3073, 0.2982

Monochromacy



Original Color

62.1159, 0.2972, 0.2767

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.2865, 0.3069, 0.3089

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1159, 0.2972, 0.2767 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(222, 197, 246)` looks like.

```
.text, #text, p{  
    color:rgb(222, 197, 246)  
}
```

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(222, 197, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 197, 246) }
```

Border

The CSS property to change the border of an element to Yxy 62.1159, 0.2972, 0.2767 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(222, 197, 246) }
```

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

```
.border{ border-color:rgb(222, 197, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 197, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 197, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 197, 246);  
box-shadow:4px 4px 4px 4px rgb(222, 197,  
246) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 62.1159, 0.2972, 0.2767$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 197, 246) }
```

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

```
.background{ background-color: rgb(222,  
197, 246) }
```

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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