

Converting Colors

$Yxy(62.6172, 0.2977, 0.2863)$

Have a look what the booklet for
Yxy(62.6172, 0.2977, 0.2863)
contains.

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Color

Yxy(62.8163, 0.2976, 0.2866)

Conversions

Conversions Part 1

Format	Color
Hex	D9C9F0
RGB	217, 201, 240
RGB Percent	85%, 79%, 94%
CMY	0.1491, 0.2117, 0.0588
CMYK	0.10, 0.16, 0.00, 0.06
HSL	265°, 57%, 86%
HSV	265°, 16%, 94%
XYZ	65.2273, 62.8163, 91.1340
YIQ	210.2300, -2.9830, 15.5210

Conversions

Conversions Part 2

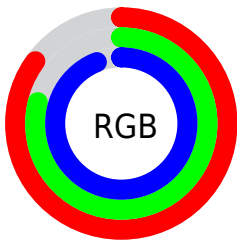
Format	Color
R _Y B	217, 201, 240
Decimal	14273008
CIE Lab	83.35, 12.81, -17.20
CIE LCh	83, 21.446, 306.693
Yxy	62.8163, 0.2976, 0.2866
Android (android.graphics.Color)	4292463088 (0xFFD9C9F0)
YUV	210.2300, 14.6766, 5.9373
Hunter-Lab	79.2567, 8.2039, -12.6954

Details

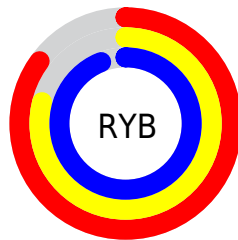
The Yxy color $62.8163, 0.2976, 0.2866$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $82.3989, 0.3261, 0.3708$, and the grayscale version is $64.5115, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $32.0095, 0.2937, 0.2766$ is the 20% darker color. If you saturate the color by 10%, you get $50.4096, 0.2864, 0.2576$, and if you desaturate by 10%, it is $77.1631, 0.3073, 0.3134$.

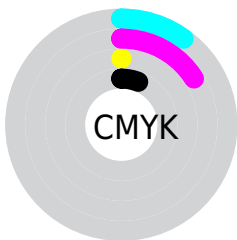
Distribution



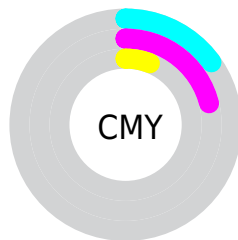
- Red (85%)
- Green (79%)
- Blue (94%)



- Red (85%)
- Yellow (79%)
- Blue (94%)



- Cyan (10%)
- Magenta (16%)
- Yellow (0%)
- Black (6%)



- Cyan (15%)
- Magenta (21%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.8163, 0.2976, 0.2866 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 62.8163, 0.2976, 0.2866 by changing the saturation by 10% instead.

62.8163, 0.2976,
0.2866

62.8163, 0.2976,
0.2866

434.9025, 0.3049,
0.3062

45.6926, 0.2958,
0.2821

108.9044, 0.3002,
0.2934

32.0033, 0.2936,
0.2767

138.6377, 0.3012,
0.2960

21.3640, 0.2908,
0.2697

173.3429, 0.3021,
0.2983

13.3904, 0.2869,
0.2607

213.4045, 0.3028,
0.3003

7.6979, 0.2815,
0.2485

259.2069, 0.3034,
0.3020

3.9023, 0.2733,
0.2311

311.1344, 0.3040,

1.6190, 0.2597,

0.3036

0.2046

369.5715, 0.3045,
0.3049

0.3704, 0.2380,
0.1326

0.0000, 0.0000,
0.0000

62.8163, 0.2976,
0.2866

62.8163, 0.2976,
0.2866

50.4096, 0.2864,
0.2576

77.1631, 0.3073,
0.3134

39.8495, 0.2736,
0.2271

93.5223, 0.3157,
0.3379

31.0465, 0.2596,
0.1959

99.0720, 0.3214,
0.3434

23.9001, 0.2447,
0.1655

■ 18.2997, 0.2293,
0.1374

■ 14.1201, 0.2143,
0.1133

■ 11.2159, 0.2005,
0.0948

■ 9.4070, 0.1885,
0.0825

■ 8.9050, 0.1844,
0.0790

Harmonies

Analogous

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



62.8163, 0.2752, 0.2845



62.8163, 0.2976, 0.2866



62.8163, 0.3250, 0.2988

Triad

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



62.8163, 0.2976, 0.2866



62.8163, 0.3649, 0.3619



62.8163, 0.2762, 0.3387

Complementary

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



62.8163, 0.2976, 0.2866



82.3989, 0.3261, 0.3708

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.



62.8163, 0.2990, 0.3623



62.8163, 0.2976, 0.2866



62.8163, 0.3504, 0.3752

Square

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



62.8163, 0.2976, 0.2866



62.8163, 0.3648, 0.3411



62.8163, 0.3261, 0.3759



62.8163, 0.2633, 0.3132

Rectangle

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



62.8163, 0.2976, 0.2866



62.8163, 0.3425, 0.3112



62.8163, 0.3261, 0.3759



62.8163, 0.2829, 0.3472

Sweetspot

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



62.8189, 0.2976, 0.2866



90.7332, 0.3085, 0.3166



72.2437, 0.2874, 0.3118



19.1520, 0.3078, 0.3148



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.



62.8189, 0.2976, 0.2866



66.3950, 0.2935, 0.2758



65.9220, 0.3117, 0.2884



15.5448, 0.3044, 0.3050



4.9475, 0.1861, 0.0799



0.4684, 0.2007, 0.0879

Inverse Universe

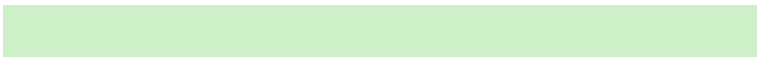
The Inverse Universe completely reimagines the original color for something new.



65.6893, 0.3262, 0.3048



70.3928, 0.3299, 0.2989



79.5116, 0.3132, 0.3725



15.9155, 0.3201, 0.3151



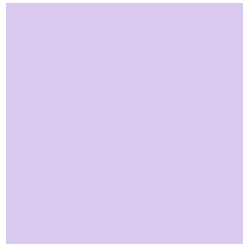
11.2325, 0.4579, 0.2296



0.9541, 0.4349, 0.2169

Previews

White Background



This preview shows how the Yxy color 62.8163, 0.2976, 0.2866 looks on a white background.

Color Contrast Check

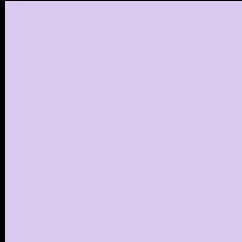
Large Text (above 18pt) WCAG AA × Fail

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 62.8163, 0.2976, 0.2866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

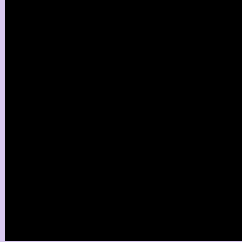
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.8163, 0.2976, 0.2866

Background



This preview shows how black text looks on a background with the Yxy color 62.8163, 0.2976, 0.2866.



This preview shows how white text looks on a background with the Yxy color 62.8163, 0.2976, 0.2866.

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

62.8163, 0.2976, 0.2866

Protanopia

63.0312, 0.2846, 0.2878

Deuteranopia

63.1493, 0.2948, 0.2885



Tritanopia

62.6492, 0.3090, 0.3110

Trichromacy



Original Color

62.8163, 0.2976, 0.2866

Protanomaly

62.8619, 0.2893, 0.2870

Deuteranomaly

62.8285, 0.2955, 0.2875

Tritanomaly

62.7050, 0.3050, 0.3023

Monochromacy



Original Color

62.8163, 0.2976, 0.2866

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.9922, 0.3075, 0.3133

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.8163, 0.2976, 0.2866 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(217, 201, 240)` looks like.

```
.text, #text, p{  
    color:rgb(217, 201, 240)  
}
```

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(217, 201, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 201, 240) }
```

Border

The CSS property to change the border of an element to Yxy 62.8163, 0.2976, 0.2866 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(217, 201, 240) }
```

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

```
.border{ border-color:rgb(217, 201, 240) }
```

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

Here you see how a box with a 4 pixel rgb(217, 201, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 201, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 201, 240);  
box-shadow:4px 4px 4px 4px rgb(217, 201,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 62.8163, 0.2976, 0.2866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 201, 240) }
```

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

```
.background{ background-color: rgb(217,  
201, 240) }
```

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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