

Converting Colors

$Y_{xy}(62.1022, 0.3054, 0.2920)$

Have a look what the booklet for
Yxy(62.1022, 0.3054, 0.2920)
contains.

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Color

Yxy(62.1022, 0.3054, 0.2920)

Conversions

Conversions Part 1

Format	Color
Hex	DDC7E9
RGB	221, 199, 233
RGB Percent	87%, 78%, 91%
CMY	0.1332, 0.2196, 0.0864
CMYK	0.05, 0.15, 0.00, 0.09
HSL	279°, 44%, 85%
HSV	279°, 15%, 91%
XYZ	64.9521, 62.1022, 85.6245
YIQ	209.4540, 2.1980, 15.2380

Conversions

Conversions Part 2

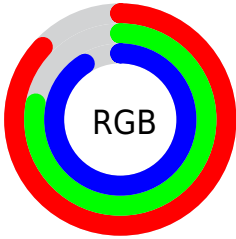
Format	Color
R _{YB}	221, 199, 233
Decimal	14534633
CIE _{Lab}	82.97, 13.82, -13.97
CIE _{LCh}	83, 19.653, 314.695
Yxy	62.1022, 0.3054, 0.2920
Android (android.graphics.Color)	4292724713 (0xFFDDC7E9)
YUV	209.4540, 11.6082, 10.1258
Hunter-Lab	78.8049, 9.2134, -9.2573

Details

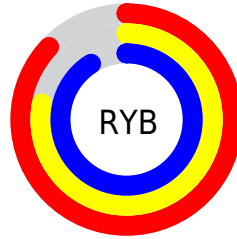
The Yxy color $62.1022, 0.3054, 0.2920$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $76.2182, 0.3190, 0.3669$, and the grayscale version is $63.9966, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $31.5321, 0.3038, 0.2835$ is the 20% darker color. If you saturate the color by 10%, you get $50.9389, 0.2993, 0.2648$, and if you desaturate by 10%, it is $74.9744, 0.3106, 0.3178$.

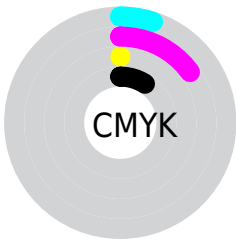
Distribution



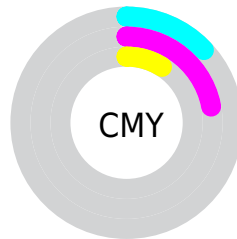
- Red (87%)
- Green (78%)
- Blue (91%)



- Red (87%)
- Yellow (78%)
- Blue (91%)



- Cyan (5%)
- Magenta (15%)
- Yellow (0%)
- Black (9%)



- Cyan (13%)
- Magenta (22%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.1022, 0.3054, 0.2920 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 62.1022, 0.3054, 0.2920 by changing the saturation by 10% instead.

62.1022, 0.3054,
0.2920

62.1022, 0.3054,
0.2920

432.3038, 0.3091,
0.3092

45.1153, 0.3045,
0.2881

107.8732, 0.3067,
0.2980

31.5482, 0.3034,
0.2832

137.4261, 0.3072,
0.3003

21.0167, 0.3019,
0.2771

171.9365, 0.3076,
0.3023

13.1362, 0.2998,
0.2691

211.7887, 0.3080,
0.3040

7.5224, 0.2968,
0.2582

257.3671, 0.3083,
0.3055

3.7909, 0.2922,
0.2425

309.0562, 0.3086,

1.5573, 0.2841,

0.3069

0.2181

367.2403, 0.3088,
0.3081

0.3285, 0.2751,
0.1391

0.0000, 0.0000,
0.0000

62.1022, 0.3054,
0.2920

62.1022, 0.3054,
0.2920

50.9389, 0.2993,
0.2648

74.9744, 0.3106,
0.3178

41.4012, 0.2922,
0.2368

89.6181, 0.3150,
0.3418

33.4109, 0.2841,
0.2088

96.9185, 0.3196,
0.3507

26.8798, 0.2753,
0.1821

98.4279, 0.3248,
0.3504

■ 21.7106, 0.2660,
0.1577

■ 98.6610, 0.3256,
0.3503

■ 17.7941, 0.2563,
0.1371

■ 15.0033, 0.2468,
0.1211

■ 13.1832, 0.2377,
0.1101

■ 12.4717, 0.2330,
0.1057

Harmonies

Analogous

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



62.1022, 0.2829, 0.2874



62.1022, 0.3054, 0.2920



62.1022, 0.3307, 0.3054

Triad

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



62.1022, 0.3054, 0.2920



62.1022, 0.3583, 0.3636



62.1022, 0.2749, 0.3316

Complementary

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



62.1022, 0.3054, 0.2920



76.2182, 0.3190, 0.3669

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.



62.1022, 0.2939, 0.3544



62.1022, 0.3054, 0.2920



62.1022, 0.3422, 0.3729

Square

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



62.1022, 0.3054, 0.2920



62.1022, 0.3620, 0.3458



62.1022, 0.3185, 0.3699



62.1022, 0.2658, 0.3091

Rectangle

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



62.1022, 0.3054, 0.2920



62.1022, 0.3457, 0.3179



62.1022, 0.3185, 0.3699



62.1022, 0.2803, 0.3395

Sweetspot

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



62.1049, 0.3054, 0.2920



92.9906, 0.3109, 0.3192



64.8369, 0.2897, 0.3046



19.6301, 0.3105, 0.3173



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.



62.1049, 0.3054, 0.2920



72.6173, 0.3039, 0.2853



63.7896, 0.3177, 0.2977



15.0337, 0.3082, 0.3054



7.1510, 0.2343, 0.1064



0.6149, 0.2464, 0.1131

Inverse Universe

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



62.8638, 0.3307, 0.3161



73.7116, 0.3343, 0.3138



74.7351, 0.3081, 0.3625



15.1415, 0.3238, 0.3208



10.1955, 0.5568, 0.2841



0.8183, 0.5184, 0.2629

Previews

White Background



This preview shows how the Yxy color 62.1022, 0.3054, 0.2920 looks on a white background.

Color Contrast Check

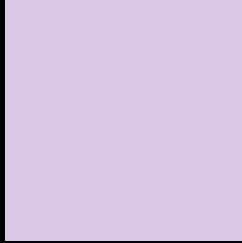
Large Text (above 18pt) WCAG AA × Fail

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 62.1022, 0.3054, 0.2920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

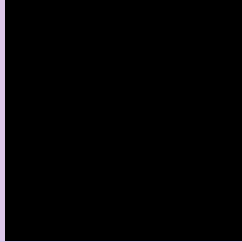
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.1022, 0.3054, 0.2920

Background



This preview shows how black text looks on a background with the Yxy color 62.1022, 0.3054, 0.2920.



This preview shows how white text looks on a background with the Yxy color 62.1022, 0.3054, 0.2920.

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

62.1022, 0.3054, 0.2920

Protanopia

62.1946, 0.2883, 0.2930

Deuteranopia

62.1036, 0.3009, 0.2937



Tritanopia

62.3109, 0.3150, 0.3123

Trichromacy



Original Color

62.1022, 0.3054, 0.2920

Protanomaly

62.1779, 0.2938, 0.2923

Deuteranomaly

61.9435, 0.3024, 0.2927

Tritanomaly

62.3166, 0.3116, 0.3047

Monochromacy



Original Color

62.1022, 0.3054, 0.2920

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

62.8707, 0.3096, 0.3144

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1022, 0.3054, 0.2920 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(221, 199, 233)` looks like.

```
.text, #text, p{  
    color:rgb(221, 199, 233)  
}
```

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(221, 199, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 199, 233) }
```

Border

The CSS property to change the border of an element to Yxy 62.1022, 0.3054, 0.2920 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(221, 199, 233) }
```

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

```
.border{ border-color:rgb(221, 199, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 199, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 199, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 199, 233);  
box-shadow:4px 4px 4px 4px rgb(221, 199,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1022, 0.3054, 0.2920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 199, 233) }
```

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

```
.background{ background-color: rgb(221,  
199, 233) }
```

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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