

Converting Colors

Yxy(54.9260, 0.2971, 0.2794)

Have a look what the booklet for
Yxy(54.9260, 0.2971, 0.2794)
contains.

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Color

Yxy(54.7201, 0.2969, 0.2792)

Conversions

Conversions Part 1

Format	Color
Hex	D0BBE7
RGB	208, 187, 231
RGB Percent	82%, 73%, 91%
CMY	0.1846, 0.2665, 0.0942
CMYK	0.10, 0.19, 0.00, 0.09
HSL	269°, 48%, 82%
HSV	269°, 19%, 91%
XYZ	58.1891, 54.7201, 83.0797
YIQ	198.2950, -1.6080, 18.1360

Conversions

Conversions Part 2

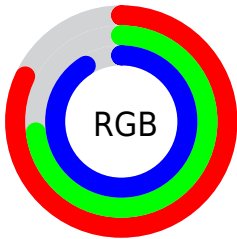
Format	Color
R _Y B	208, 187, 231
Decimal	13679591
CIE Lab	78.88, 15.59, -19.17
CIE LCh	79, 24.713, 309.125
Yxy	54.7201, 0.2969, 0.2792
Android (android.graphics.Color)	4291869671 (0xFFD0BBE7)
YUV	198.2950, 16.1236, 8.5113
Hunter-Lab	73.9730, 10.9599, -14.8079

Details

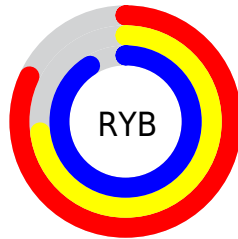
The Yxy color $54.7201, 0.2969, 0.2792$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $74.4424, 0.3263, 0.3786$, and the grayscale version is $56.5580, 0.3127, 0.3290$.

A 20% lighter version of the original color is $92.5812, 0.3133, 0.3175$, and $26.9176, 0.2925, 0.2678$ is the 20% darker color. If you saturate the color by 10%, you get $44.0069, 0.2866, 0.2503$, and if you desaturate by 10%, it is $67.1483, 0.3058, 0.3063$.

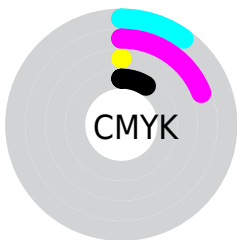
Distribution



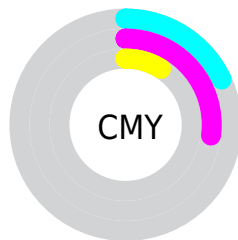
- Red (82%)
- Green (73%)
- Blue (91%)



- Red (82%)
- Yellow (73%)
- Blue (91%)



- Cyan (10%)
- Magenta (19%)
- Yellow (0%)
- Black (9%)



- Cyan (18%)
- Magenta (27%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.7201, 0.2969, 0.2792 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 54.7201, 0.2969, 0.2792 by changing the saturation by 10% instead.

■ 54.7201, 0.2969,
0.2792

■ 54.7201, 0.2969,
0.2792

404.8501, 0.3048,
0.3026

■ 39.1777, 0.2949,
0.2738

■ 97.1307, 0.2998,
0.2874

■ 26.8980, 0.2924,
0.2671

124.7677, 0.3009,
0.2905

■ 17.4966, 0.2891,
0.2585

157.2050, 0.3018,
0.2933

■ 10.5892, 0.2846,
0.2472

194.8271, 0.3026,
0.2956

■ 5.7913, 0.2780,
0.2318

238.0182, 0.3032,
0.2977

■ 2.7186, 0.2676,
0.2094

287.1628, 0.3038,

■ 0.9867, 0.2494,

0.2995

0.1746

342.6453, 0.3044,
0.3011

0.0000, 0.1765,
0.0000

0.0000, 0.0000,
0.0000

54.7201, 0.2969,
0.2792

54.7201, 0.2969,
0.2792

44.0069, 0.2866,
0.2503

67.1483, 0.3058,
0.3063

34.9235, 0.2751,
0.2202

81.3575, 0.3134,
0.3313

27.3879, 0.2623,
0.1901

96.5701, 0.3199,
0.3528

21.3077, 0.2488,
0.1612

98.5483, 0.3268,
0.3523

■ 16.5806, 0.2349,
0.1352

■ 13.0902, 0.2212,
0.1134

■ 10.6993, 0.2086,
0.0972

■ 9.1979, 0.1973,
0.0864

■ 9.0731, 0.1963,
0.0855

Harmonies

Analogous

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



54.7201, 0.2694, 0.2755



54.7201, 0.2969, 0.2792



54.7201, 0.3301, 0.2945

Triad

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



54.7201, 0.2969, 0.2792



54.7201, 0.3748, 0.3700



54.7201, 0.2671, 0.3379

Complementary

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



54.7201, 0.2969, 0.2792



74.4424, 0.3263, 0.3786

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.



54.7201, 0.2935, 0.3676



54.7201, 0.2969, 0.2792



54.7201, 0.3560, 0.3855

Square

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



54.7201, 0.2969, 0.2792



54.7201, 0.3765, 0.3452



54.7201, 0.3260, 0.3854



54.7201, 0.2529, 0.3073

Rectangle

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



54.7201, 0.2969, 0.2792



54.7201, 0.3509, 0.3096



54.7201, 0.3260, 0.3854



54.7201, 0.2747, 0.3485

Sweetspot

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



54.7224, 0.2969, 0.2792



89.1334, 0.3082, 0.3141



62.6629, 0.2828, 0.3051



18.8357, 0.3077, 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.



54.7224, 0.2969, 0.2792



62.7437, 0.2929, 0.2675



58.0652, 0.3138, 0.2817



14.2216, 0.3054, 0.3052



5.1604, 0.1979, 0.0864



0.4363, 0.2140, 0.0952

Inverse Universe

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



57.1968, 0.3311, 0.3037



66.4500, 0.3360, 0.2980



71.4836, 0.3113, 0.3810



14.4937, 0.3211, 0.3167



10.3255, 0.4851, 0.2446



0.7818, 0.4546, 0.2278

Previews

White Background



This preview shows how the Yxy color 54.7201, 0.2969, 0.2792 looks on a white background.

Color Contrast Check

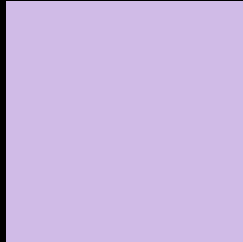
Large Text (above 18pt) WCAG AA × Fail

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 54.7201, 0.2969, 0.2792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

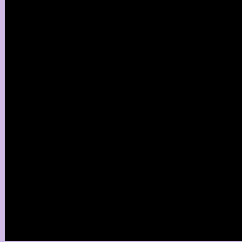
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.7201, 0.2969, 0.2792

Background



This preview shows how black text looks on a background with the Yxy color 54.7201, 0.2969, 0.2792.



This preview shows how white text looks on a background with the Yxy color 54.7201, 0.2969, 0.2792.

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

54.7201, 0.2969, 0.2792

Protanopia

55.0208, 0.2784, 0.2809

Deuteranopia

54.8451, 0.2894, 0.2838



Tritanopia

54.5552, 0.3119, 0.3113

Trichromacy



Original Color

54.7201, 0.2969, 0.2792

Protanomaly

54.6715, 0.2845, 0.2791

Deuteranomaly

54.9576, 0.2924, 0.2830

Tritanomaly

54.7123, 0.3061, 0.2998

Monochromacy



Original Color

54.7201, 0.2969, 0.2792

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.7933, 0.3073, 0.3101

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7201, 0.2969, 0.2792 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(208, 187, 231)` looks like.

```
.text, #text, p{  
    color:rgb(208, 187, 231)  
}
```

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(208, 187, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 187, 231) }
```

Border

The CSS property to change the border of an element to Yxy 54.7201, 0.2969, 0.2792 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(208, 187, 231) }
```

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

```
.border{ border-color:rgb(208, 187, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 187, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 187, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 187, 231);  
box-shadow:4px 4px 4px 4px rgb(208, 187,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7201, 0.2969, 0.2792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 187, 231) }
```

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

```
.background{ background-color: rgb(208,  
187, 231) }
```

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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