

Converting Colors

Yxy(72.9696, 0.2799, 0.2820)

Have a look what the booklet for
Yxy(72.9696, 0.2799, 0.2820)
contains.

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Color

Yxy(72.4034, 0.2854, 0.2919)

Conversions

Conversions Part 1

Format	Color
Hex	D4DCFF
RGB	212, 220, 255
RGB Percent	83%, 86%, 100%
CMY	0.1687, 0.1372, 0.0000
CMYK	0.17, 0.14, 0.00, 0.00
HSL	229°, 100%, 92%
HSV	229°, 17%, 100%
XYZ	70.7911, 72.4034, 104.8473
YIQ	221.5980, -16.0030, 9.1890

Conversions

Conversions Part 2

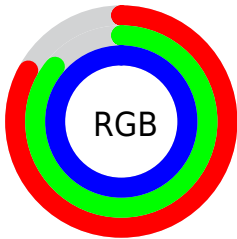
Format	Color
R _Y B	212, 219, 255
Decimal	13950207
CIE Lab	88.16, 4.25, -17.91
CIE LCh	88, 18.405, 283.358
Yxy	72.4034, 0.2854, 0.2919
Android (android.graphics.Color)	4292140287 (0xFFD4DCFF)
YUV	221.5980, 16.4672, -8.4174
Hunter-Lab	85.0902, -0.4040, -13.4934

Details

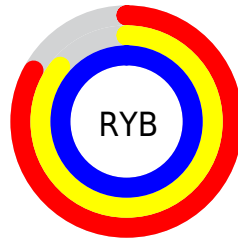
The Yxy color **72.4034, 0.2854, 0.2919** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **92.5195, 0.3394, 0.3636**, and the grayscale version is **72.6395, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.1556, 0.2792, 0.2836** is the 20% darker color. If you saturate the color by 10%, you get **58.6889, 0.2672, 0.2663**, and if you desaturate by 10%, it is **88.0735, 0.3021, 0.3148**.

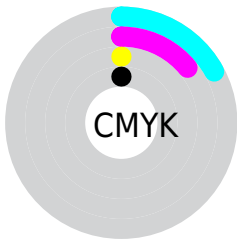
Distribution



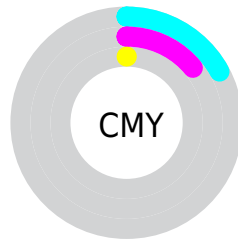
- Red (83%)
- Green (86%)
- Blue (100%)



- Red (83%)
- Yellow (86%)
- Blue (100%)



- Cyan (17%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.4034, 0.2854, 0.2919 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 72.4034, 0.2854, 0.2919 by changing the saturation by 10% instead.

72.4034, 0.2854,
0.2919

72.4034, 0.2854,
0.2919

468.9445, 0.2980,
0.3088

53.4883, 0.2825,
0.2881

122.6299, 0.2898,
0.2977

38.1927, 0.2790,
0.2834

154.7100, 0.2915,
0.3000

26.1323, 0.2745,
0.2776

191.9473, 0.2929,
0.3020

16.9226, 0.2687,
0.2701

234.7261, 0.2942,
0.3037

10.1793, 0.2609,
0.2600

283.4308, 0.2953,
0.3052

5.5180, 0.2497,
0.2459

338.4459, 0.2963,

2.5543, 0.2326,

0.3065

0.2247

400.1556, 0.2972,
0.3077

■ 0.9037, 0.2040,
0.1903

■ 0.0000, 0.0000,
0.0000

■ 72.4034, 0.2854,
0.2919

■ 72.4034, 0.2854,
0.2919

■ 58.6889, 0.2672,
0.2663

■ 88.0735, 0.3021,
0.3148

■ 46.8437, 0.2480,
0.2382

99.9997, 0.3127,
0.3290

■ 36.7883, 0.2281,
0.2082

■ 28.4340, 0.2087,
0.1775

■ 21.6839, 0.1906,
0.1475

■ 16.4314, 0.1752,
0.1200

■ 12.5557, 0.1635,
0.0968

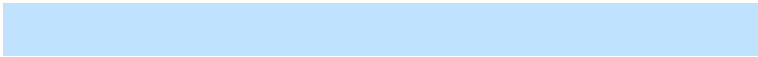
■ 9.9144, 0.1559,
0.0794

■ 9.2968, 0.1542,
0.0751

Harmonies

Analogous

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



72.4034, 0.2731, 0.2977



72.4034, 0.2854, 0.2919



72.4034, 0.3053, 0.2955

Triad

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



72.4034, 0.2854, 0.2919



72.4034, 0.3564, 0.3433



72.4034, 0.2969, 0.3523

Complementary

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



72.4034, 0.2854, 0.2919



92.5195, 0.3394, 0.3636

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.



72.4034, 0.3189, 0.3656



72.4034, 0.2854, 0.2919



72.4034, 0.3537, 0.3593

Square

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



72.4034, 0.2854, 0.2919



72.4034, 0.3468, 0.3245



72.4034, 0.3398, 0.3679



72.4034, 0.2795, 0.3323

Rectangle

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



72.4034, 0.2854, 0.2919



72.4034, 0.3204, 0.3026



72.4034, 0.3398, 0.3679



72.4034, 0.3040, 0.3577

Sweetspot

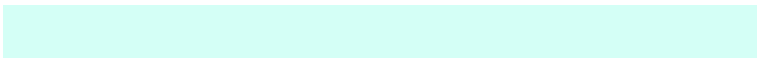
The Sweet Spot groups the original color and five complimentary colors.



72.4064, 0.2854, 0.2919



91.2211, 0.3051, 0.3188



92.1910, 0.2917, 0.3378



19.2698, 0.3040, 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.



72.4064, 0.2854, 0.2919



67.9027, 0.2798, 0.2842



70.2918, 0.2937, 0.2843



17.9256, 0.2979, 0.3091



5.0140, 0.1548, 0.0772



0.6275, 0.1599, 0.0957

Inverse Universe

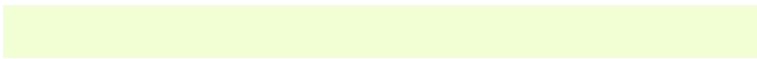
The Inverse Universe completely reimagines the original color for something new.



73.5089, 0.3393, 0.3210



69.2758, 0.3454, 0.3194



95.1642, 0.3297, 0.3722



18.0424, 0.3265, 0.3246



11.2341, 0.6115, 0.3142



1.1079, 0.5823, 0.2982

Previews

White Background



This preview shows how the Yxy color 72.4034, 0.2854, 0.2919 looks on a white background.

Color Contrast Check

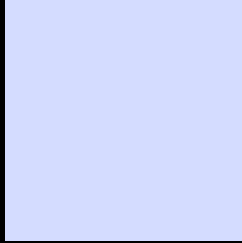
Large Text (above 18pt) WCAG AA × Fail

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 72.4034, 0.2854, 0.2919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

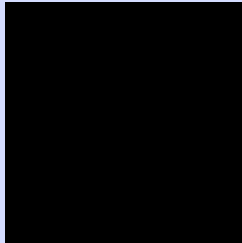
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.4034, 0.2854, 0.2919

Background



This preview shows how black text looks on a background with the Yxy color 72.4034, 0.2854, 0.2919.

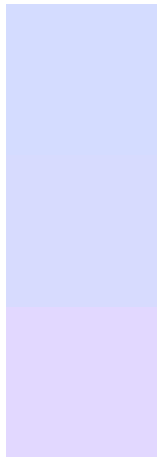


This preview shows how white text looks on a background with the Yxy color 72.4034, 0.2854, 0.2919.

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

72.4034, 0.2854, 0.2919

Protanopia

72.2659, 0.2879, 0.2920

Deuteranopia

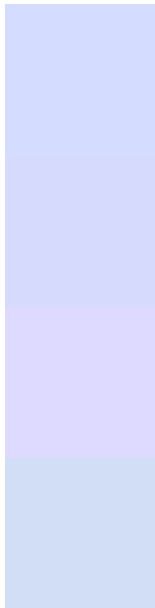
72.5005, 0.2945, 0.2886



Tritanopia

72.6219, 0.2925, 0.3105

Trichromacy



Original Color

72.4034, 0.2854, 0.2919

Protanomaly

72.1149, 0.2872, 0.2919

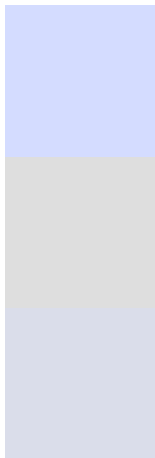
Deuteranomaly

72.2179, 0.2912, 0.2893

Tritanomaly

72.5368, 0.2901, 0.3042

Monochromacy



Original Color

72.4034, 0.2854, 0.2919

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.5588, 0.3022, 0.3150

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.4034, 0.2854, 0.2919 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(212, 220, 255)` looks like.

```
.text, #text, p{  
    color:rgb(212, 220, 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(212, 220, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 220, 255) }
```

Border

The CSS property to change the border of an element to Yxy 72.4034, 0.2854, 0.2919 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(212, 220, 255) }
```

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

```
.border{ border-color:rgb(212, 220, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 220, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 220, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 220, 255);  
box-shadow:4px 4px 4px 4px rgb(212, 220,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 72.4034, 0.2854, 0.2919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 220, 255) }
```

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

```
.background{ background-color: rgb(212,  
220, 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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