

Converting Colors

$Yxy(73.0655, 0.2863, 0.2945)$

Have a look what the booklet for
Yxy(73.0655, 0.2863, 0.2945)
contains.

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Color

Yxy(72.8657, 0.2860, 0.2940)

Conversions

Conversions Part 1

Format	Color
Hex	D4DDFE
RGB	212, 221, 254
RGB Percent	83%, 87%, 100%
CMY	0.1689, 0.1332, 0.0039
CMYK	0.17, 0.13, 0.00, 0.00
HSL	227°, 95%, 91%
HSV	227°, 17%, 100%
XYZ	70.8830, 72.8657, 104.0939
YIQ	222.0710, -15.9570, 8.3550

Conversions

Conversions Part 2

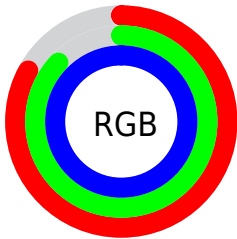
Format	Color
R _Y B	212, 219, 254
Decimal	13950462
CIE Lab	88.38, 3.49, -17.05
CIE LCh	88, 17.406, 281.582
Yxy	72.8657, 0.2860, 0.2940
Android (android.graphics.Color)	4292140542 (0xFFD4DDFE)
YUV	222.0710, 15.7410, -8.8323
Hunter-Lab	85.3614, -1.1585, -12.5481

Details

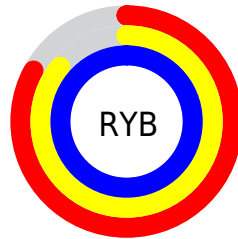
The Yxy color **72.8657, 0.2860, 0.2940** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **91.0737, 0.3391, 0.3617**, and the grayscale version is **72.9903, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.4718, 0.2800, 0.2863** is the 20% darker color. If you saturate the color by 10%, you get **59.4871, 0.2680, 0.2694**, and if you desaturate by 10%, it is **88.0912, 0.3026, 0.3160**.

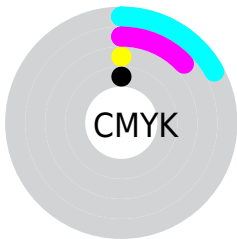
Distribution



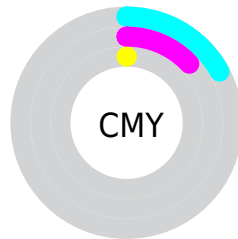
- Red (83%)
- Green (87%)
- Blue (100%)



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



- Cyan (17%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.8657, 0.2860, 0.2940 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 72.8657, 0.2860, 0.2940 by changing the saturation by 10% instead.

72.8657, 0.2860,
0.2940

72.8657, 0.2860,
0.2940

470.5492, 0.2983,
0.3100

53.8662, 0.2832,
0.2904

123.2865, 0.2903,
0.2995

38.4947, 0.2798,
0.2860

155.4766, 0.2919,
0.3016

26.3668, 0.2754,
0.2805

192.8323, 0.2934,
0.3035

17.0983, 0.2697,
0.2733

235.7381, 0.2946,
0.3051

10.3046, 0.2621,
0.2638

284.5782, 0.2957,
0.3066

5.6014, 0.2512,
0.2503

339.7372, 0.2967,

2.6042, 0.2347,

0.3078

0.2302

401.5994, 0.2975,
0.3090

■ 0.9288, 0.2067,
0.1972

■ 0.0000, 0.0000,
0.0000

■ 72.8657, 0.2860,
0.2940

■ 72.8657, 0.2860,
0.2940

■ 59.4871, 0.2680,
0.2694

■ 88.0912, 0.3026,
0.3160

■ 47.8753, 0.2490,
0.2424

99.9358, 0.3133,
0.3300

■ 37.9574, 0.2296,
0.2136

■ 29.6521, 0.2104,
0.1838

■ 22.8707, 0.1926,
0.1545

■ 17.5159, 0.1773,
0.1271

■ 13.4776, 0.1654,
0.1035

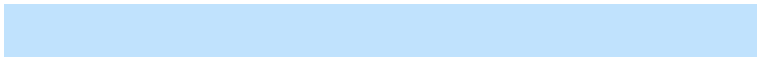
■ 10.6271, 0.1575,
0.0849

■ 9.8760, 0.1555,
0.0798

Harmonies

Analogous

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



72.8657, 0.2748, 0.3000



72.8657, 0.2860, 0.2940



72.8657, 0.3045, 0.2969

Triad

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



72.8657, 0.2860, 0.2940



72.8657, 0.3537, 0.3416



72.8657, 0.2990, 0.3519

Complementary

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



72.8657, 0.2860, 0.2940



91.0737, 0.3391, 0.3617

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.



72.8657, 0.3199, 0.3639



72.8657, 0.2860, 0.2940



72.8657, 0.3519, 0.3570

Square

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



72.8657, 0.2860, 0.2940



72.8657, 0.3440, 0.3237



72.8657, 0.3393, 0.3655



72.8657, 0.2822, 0.3333

Rectangle

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



72.8657, 0.2860, 0.2940



72.8657, 0.3187, 0.3033



72.8657, 0.3393, 0.3655



72.8657, 0.3058, 0.3569

Sweetspot

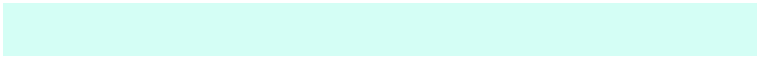
The Sweet Spot groups the original color and five complimentary colors.



72.8687, 0.2860, 0.2940



91.4490, 0.3051, 0.3192



91.4573, 0.2924, 0.3384



19.3250, 0.3040, 0.3178



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.



72.8687, 0.2860, 0.2940



68.6672, 0.2800, 0.2858



70.0350, 0.2936, 0.2851



18.0137, 0.2979, 0.3098



5.3804, 0.1561, 0.0821



0.6753, 0.1616, 0.1018

Inverse Universe

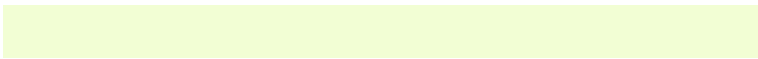
The Inverse Universe completely reimagines the original color for something new.



73.3478, 0.3378, 0.3199



69.3529, 0.3442, 0.3179



94.5261, 0.3298, 0.3713



18.0513, 0.3260, 0.3239



11.2711, 0.6036, 0.3099



1.1127, 0.5732, 0.2931

Previews

White Background



This preview shows how the Yxy color 72.8657, 0.2860, 0.2940 looks on a white background.

Color Contrast Check

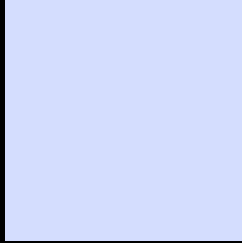
Large Text (above 18pt) WCAG AA × Fail

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 72.8657, 0.2860, 0.2940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

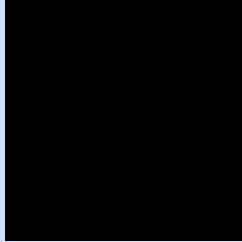
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.8657, 0.2860, 0.2940

Background



This preview shows how black text looks on a background with the Yxy color 72.8657, 0.2860, 0.2940.



This preview shows how white text looks on a background with the Yxy color 72.8657, 0.2860, 0.2940.

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

72.8657, 0.2860, 0.2940

Protanopia

72.8772, 0.2892, 0.2942

Deuteranopia

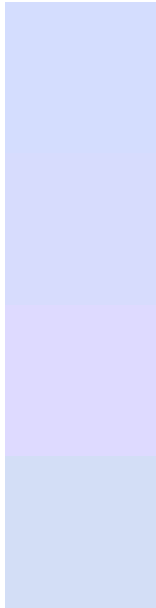
72.6626, 0.2952, 0.2887



Tritanopia

72.8279, 0.2926, 0.3095

Trichromacy



Original Color

72.8657, 0.2860, 0.2940

Protanomaly

72.7253, 0.2885, 0.2941

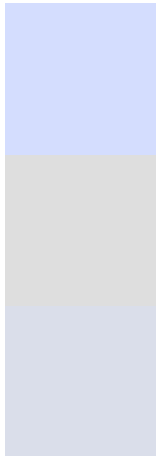
Deuteranomaly

72.8924, 0.2919, 0.2905

Tritanomaly

72.7453, 0.2902, 0.3032

Monochromacy



Original Color

72.8657, 0.2860, 0.2940

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.0885, 0.3022, 0.3161

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.8657, 0.2860, 0.2940 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, 221, 254)` looks like.

```
.text, #text, p{  
    color:rgb(212, 221, 254)  
}
```

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, 221, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 221, 254) }
```

Border

The CSS property to change the border of an element to Yxy 72.8657, 0.2860, 0.2940 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, 221, 254) }
```

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

```
.border{ border-color:rgb(212, 221, 254) }
```

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

Here you see how a box with a 4 pixel rgb(212, 221, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 221, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 221, 254);  
box-shadow:4px 4px 4px 4px rgb(212, 221,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 72.8657, 0.2860, 0.2940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 221, 254) }
```

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

```
.background{ background-color: rgb(212,  
221, 254) }
```

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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