

Converting Colors

$Yxy(72.6920, 0.3059, 0.3152)$

Have a look what the booklet for
Yxy(72.6920, 0.3059, 0.3152)
contains.

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Color

Yxy(72.5992, 0.3056, 0.3151)

Conversions

Conversions Part 1

Format	Color
Hex	DEDCE9
RGB	222, 220, 233
RGB Percent	87%, 86%, 91%
CMY	0.1297, 0.1372, 0.0863
CMYK	0.05, 0.06, 0.00, 0.09
HSL	249°, 23%, 89%
HSV	249°, 6%, 91%
XYZ	70.4104, 72.5992, 87.3909
YIQ	222.0800, -2.9810, 4.4670

Conversions

Conversions Part 2

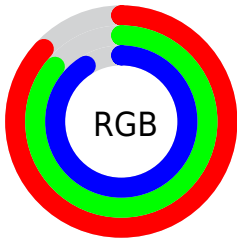
Format	Color
R _Y B	222, 220, 233
Decimal	14605545
CIE Lab	88.26, 3.03, -6.11
CIE LCh	88, 6.825, 296.394
Yxy	72.5992, 0.3056, 0.3151
Android (android.graphics.Color)	4292795625 (0xFFDEDCE9)
YUV	222.0800, 5.3836, -0.0702
Hunter-Lab	85.2052, -1.6032, -1.1673

Details

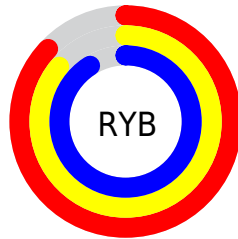
The Yxy color **72.5992, 0.3056, 0.3151** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80.4492, 0.3196, 0.3426**, and the grayscale version is **73.0652, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.3001, 0.3043, 0.3123** is the 20% darker color. If you saturate the color by 10%, you get **58.2574, 0.2913, 0.2877**, and if you desaturate by 10%, it is **89.0213, 0.3180, 0.3394**.

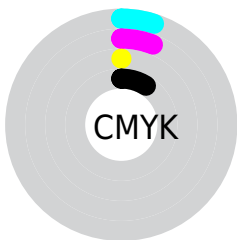
Distribution



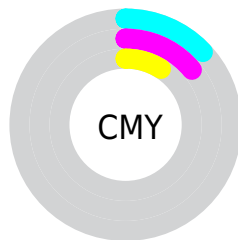
- Red (87%)
- Green (86%)
- Blue (91%)



- Red (87%)
- Yellow (86%)
- Blue (91%)



- Cyan (5%)
- Magenta (6%)
- Yellow (0%)
- Black (9%)



- Cyan (13%)
- Magenta (14%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.5992, 0.3056, 0.3151 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 72.5992, 0.3056, 0.3151 by changing the saturation by 10% instead.

■ 72.5992, 0.3056,
0.3151

■ 72.5992, 0.3056,
0.3151

469.6245, 0.3089,
0.3215

■ 53.6483, 0.3048,
0.3136

122.9081, 0.3068,
0.3173

■ 38.3206, 0.3039,
0.3119

155.0348, 0.3072,
0.3182

■ 26.2316, 0.3027,
0.3096

192.3223, 0.3076,
0.3189

■ 16.9970, 0.3011,
0.3066

235.1549, 0.3079,
0.3196

■ 10.2323, 0.2990,
0.3026

283.9170, 0.3082,
0.3201

■ 5.5533, 0.2958,
0.2969

338.9931, 0.3085,

■ 2.5754, 0.2909,

0.3206

0.2879

400.7674, 0.3087,
0.3211

0.9143, 0.2818,
0.2721

0.0000, 0.0000,
0.0000

72.5992, 0.3056,
0.3151

72.5992, 0.3056,
0.3151

58.2574, 0.2913,
0.2877

89.0213, 0.3180,
0.3394

45.9037, 0.2752,
0.2574

98.6631, 0.3256,
0.3503

35.4528, 0.2572,
0.2246

26.8095, 0.2380,
0.1904

■ 19.8705, 0.2182,
0.1564

■ 14.5218, 0.1990,
0.1248

■ 10.6354, 0.1818,
0.0981

■ 8.0630, 0.1680,
0.0782

■ 6.6240, 0.1583,
0.0663

Harmonies

Analogous

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



72.5992, 0.2994, 0.3159



72.5992, 0.3056, 0.3151



72.5992, 0.3137, 0.3179

Triad

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



72.5992, 0.3056, 0.3151



72.5992, 0.3289, 0.3374



72.5992, 0.3038, 0.3346

Complementary

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



72.5992, 0.3056, 0.3151



80.4492, 0.3196, 0.3426

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.



72.5992, 0.3115, 0.3405



72.5992, 0.3056, 0.3151



72.5992, 0.3261, 0.3421

Square

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



72.5992, 0.3056, 0.3151



72.5992, 0.3273, 0.3306



72.5992, 0.3197, 0.3433



72.5992, 0.2984, 0.3271

Rectangle

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



72.5992, 0.3056, 0.3151



72.5992, 0.3192, 0.3214



72.5992, 0.3197, 0.3433



72.5992, 0.3062, 0.3368

Sweetspot

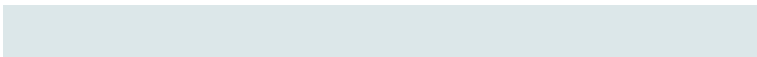
The Sweet Spot groups the original color and five complimentary colors.



72.6023, 0.3056, 0.3151



95.9737, 0.3102, 0.3241



78.4052, 0.3041, 0.3271



20.5845, 0.3103, 0.3243



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.



72.6023, 0.3056, 0.3151



86.3622, 0.3036, 0.3113



73.6162, 0.3100, 0.3153



15.2690, 0.3029, 0.3099



3.5670, 0.1560, 0.0633



0.3131, 0.1667, 0.0692

Inverse Universe

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



74.2974, 0.3146, 0.3174



88.9670, 0.3151, 0.3143



79.4184, 0.3153, 0.3428



15.7692, 0.3153, 0.3132



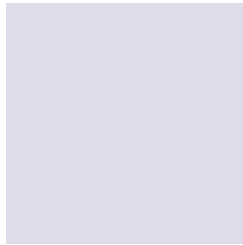
12.1751, 0.3620, 0.1768



0.9664, 0.3554, 0.1731

Previews

White Background



This preview shows how the Yxy color 72.5992, 0.3056, 0.3151 looks on a white background.

Color Contrast Check

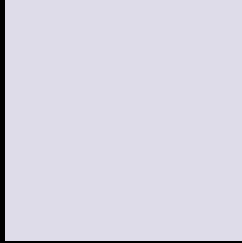
Large Text (above 18pt) WCAG AA × Fail

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 72.5992, 0.3056, 0.3151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

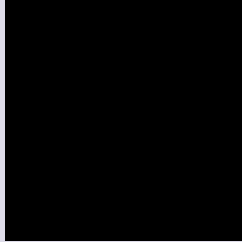
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

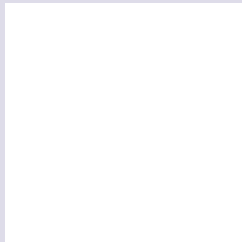
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.5992, 0.3056, 0.3151

Background



This preview shows how black text looks on a background with the Yxy color 72.5992, 0.3056, 0.3151.

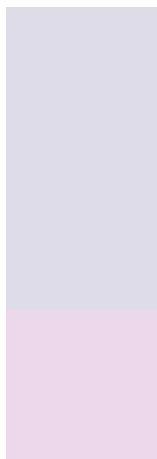


This preview shows how white text looks on a background with the Yxy color 72.5992, 0.3056, 0.3151.

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

72.5992, 0.3056, 0.3151

Protanopia

72.5992, 0.3056, 0.3151

Deuteranopia

72.5459, 0.3158, 0.3093



Tritanopia

72.4654, 0.3038, 0.3098

Trichromacy



Original Color

72.5992, 0.3056, 0.3151

Protanomaly

72.5992, 0.3056, 0.3151

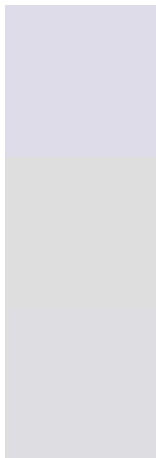
Deuteranomaly

72.7220, 0.3121, 0.3112

Tritanomaly

72.4071, 0.3044, 0.3109

Monochromacy



Original Color

72.5992, 0.3056, 0.3151

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.7335, 0.3101, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.5992, 0.3056, 0.3151 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(222, 220, 233)` looks like.

```
.text, #text, p{  
    color:rgb(222, 220, 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(222, 220, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 220, 233) }
```

Border

The CSS property to change the border of an element to Yxy 72.5992, 0.3056, 0.3151 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(222, 220, 233) }
```

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

```
.border{ border-color:rgb(222, 220, 233) }
```

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

Here you see how a box with a 4 pixel rgb(222, 220, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 220, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 220, 233);  
box-shadow:4px 4px 4px 4px rgb(222, 220,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 72.5992, 0.3056, 0.3151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 220, 233) }
```

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

```
.background{ background-color: rgb(222,  
220, 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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