

Converting Colors

$Yxy(72.0188, 0.3063, 0.3151)$

Have a look what the booklet for
Yxy(72.0188, 0.3063, 0.3151)
contains.

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Color

Yxy(72.0188, 0.3063, 0.3151)

Conversions

Conversions Part 1

Format	Color
Hex	DEDBE8
RGB	222, 219, 232
RGB Percent	87%, 86%, 91%
CMY	0.1296, 0.1411, 0.0903
CMYK	0.04, 0.06, 0.00, 0.09
HSL	254°, 22%, 88%
HSV	254°, 6%, 91%
XYZ	70.0075, 72.0188, 86.5323
YIQ	221.3790, -2.3850, 4.6790

Conversions

Conversions Part 2

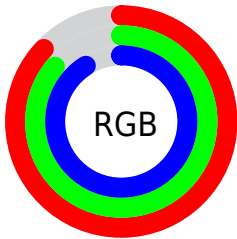
Format	Color
R _Y B	222, 219, 232
Decimal	14605288
CIE Lab	87.98, 3.37, -5.98
CIE LCh	88, 6.867, 299.391
Yxy	72.0188, 0.3063, 0.3151
Android (android.graphics.Color)	4292795368 (0xFFDEDBE8)
YUV	221.3790, 5.2362, 0.5446
Hunter-Lab	84.8639, -1.2603, -1.0509

Details

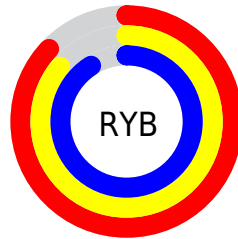
The Yxy color **72.0188, 0.3063, 0.3151** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79.4763, 0.3189, 0.3427**, and the grayscale version is **72.5471, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.9010, 0.3052, 0.3122** is the 20% darker color. If you saturate the color by 10%, you get **58.0653, 0.2934, 0.2880**, and if you desaturate by 10%, it is **87.9665, 0.3174, 0.3394**.

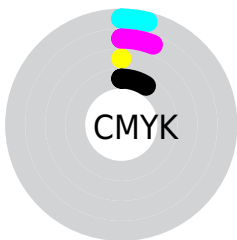
Distribution



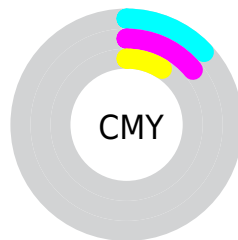
- Red (87%)
- Green (86%)
- Blue (91%)



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



- Cyan (4%)
- Magenta (6%)
- Yellow (0%)
- Black (9%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.0188, 0.3063, 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 72.0188, 0.3063, 0.3151 by changing the saturation by 10% instead.

■ 72.0188, 0.3063,
0.3151

■ 72.0188, 0.3063,
0.3151

467.6070, 0.3093,
0.3215

■ 53.1740, 0.3056,
0.3136

122.0833, 0.3073,
0.3173

■ 37.9417, 0.3048,
0.3118

154.0717, 0.3077,
0.3182

■ 25.9375, 0.3037,
0.3096

191.2103, 0.3081,
0.3189

■ 16.7769, 0.3022,
0.3066

233.8832, 0.3084,
0.3196

■ 10.0755, 0.3003,
0.3026

282.4749, 0.3087,
0.3201

■ 5.4491, 0.2974,
0.2968

337.3699, 0.3089,

■ 2.5131, 0.2928,

0.3207

0.2877

398.9525, 0.3091,
0.3211

0.8832, 0.2844,
0.2718

0.0000, 0.0000,
0.0000

72.0188, 0.3063,
0.3151

72.0188, 0.3063,
0.3151

58.0653, 0.2934,
0.2880

87.9665, 0.3174,
0.3394

46.0180, 0.2787,
0.2581

98.6045, 0.3262,
0.3513

35.7960, 0.2624,
0.2260

27.3089, 0.2446,
0.1927

■ 20.4587, 0.2260,
0.1596

■ 15.1372, 0.2077,
0.1288

■ 11.2230, 0.1906,
0.1025

■ 8.5755, 0.1761,
0.0825

■ 7.0233, 0.1650,
0.0700

Harmonies

Analogous

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



72.0188, 0.2998, 0.3156



72.0188, 0.3063, 0.3151



72.0188, 0.3146, 0.3182

Triad

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



72.0188, 0.3063, 0.3151



72.0188, 0.3290, 0.3381



72.0188, 0.3030, 0.3339

Complementary

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



72.0188, 0.3063, 0.3151



79.4763, 0.3189, 0.3427

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.



72.0188, 0.3107, 0.3402



72.0188, 0.3063, 0.3151



72.0188, 0.3257, 0.3425

Square

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



72.0188, 0.3063, 0.3151



72.0188, 0.3278, 0.3314



72.0188, 0.3190, 0.3433



72.0188, 0.2979, 0.3263

Rectangle

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



72.0188, 0.3063, 0.3151



72.0188, 0.3200, 0.3219



72.0188, 0.3190, 0.3433



72.0188, 0.3054, 0.3362

Sweetspot

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



72.0219, 0.3063, 0.3151



96.0487, 0.3105, 0.3241



77.0181, 0.3041, 0.3260



20.5998, 0.3106, 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.



72.0219, 0.3063, 0.3151



86.6105, 0.3045, 0.3113



73.0425, 0.3108, 0.3153



14.6180, 0.3039, 0.3100



3.6948, 0.1624, 0.0668



0.3140, 0.1765, 0.0746

Inverse Universe

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



73.4846, 0.3153, 0.3185



88.8774, 0.3160, 0.3157



78.4513, 0.3146, 0.3429



15.0324, 0.3163, 0.3147



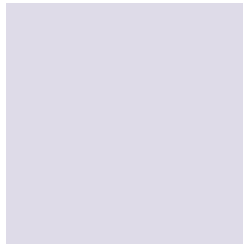
11.3605, 0.3879, 0.1910



0.8532, 0.3761, 0.1846

Previews

White Background



This preview shows how the Yxy color 72.0188, 0.3063, 0.3151 looks on a white background.

Color Contrast Check

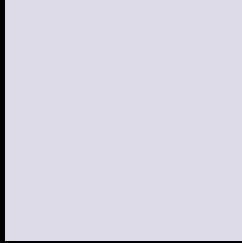
Large Text (above 18pt) WCAG AA × Fail

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 72.0188, 0.3063, 0.3151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

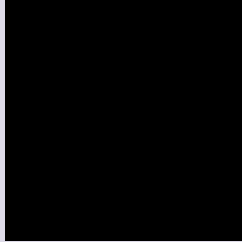
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

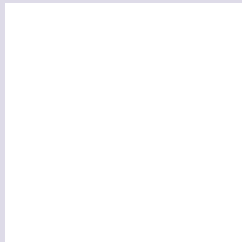
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.0188, 0.3063, 0.3151

Background



This preview shows how black text looks on a background with the Yxy color 72.0188, 0.3063, 0.3151.

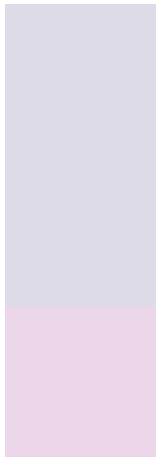


This preview shows how white text looks on a background with the Yxy color 72.0188, 0.3063, 0.3151.

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

72.0188, 0.3063, 0.3151

Protanopia

71.8614, 0.3056, 0.3150

Deuteranopia

71.8092, 0.3158, 0.3092



Tritanopia

71.8869, 0.3044, 0.3098

Trichromacy



Original Color

72.0188, 0.3063, 0.3151

Protanomaly

71.8614, 0.3056, 0.3150

Deuteranomaly

71.9839, 0.3121, 0.3111

Tritanomaly

71.8289, 0.3051, 0.3108

Monochromacy



Original Color

72.0188, 0.3063, 0.3151

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.9948, 0.3101, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.0188, 0.3063, 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, 219, 232) looks like.

```
.text, #text, p{  
    color:rgb(222, 219, 232)  
}
```

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, 219, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 219, 232) }
```

Border

The CSS property to change the border of an element to Yxy 72.0188, 0.3063, 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, 219, 232) }
```

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

```
.border{ border-color:rgb(222, 219, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 219, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 219, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 219, 232);  
box-shadow:4px 4px 4px 4px rgb(222, 219,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 72.0188, 0.3063, 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, 219, 232) }
```

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

```
.background{ background-color: rgb(222,  
219, 232) }
```

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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