

Converting Colors

$Yxy(72.2822, 0.3026, 0.3256)$

Have a look what the booklet for
Yxy(72.2822, 0.3026, 0.3256)
contains.

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Color

Yxy(72.1152, 0.3025, 0.3257)

Conversions

Conversions Part 1

Format	Color
Hex	D3DFE2
RGB	211, 223, 226
RGB Percent	83%, 87%, 89%
CMY	0.1725, 0.1255, 0.1138
CMYK	0.07, 0.01, 0.00, 0.11
HSL	192°, 20%, 86%
HSV	192°, 7%, 89%
XYZ	66.9783, 72.1152, 82.3225
YIQ	219.7540, -8.1150, -1.6110

Conversions

Conversions Part 2

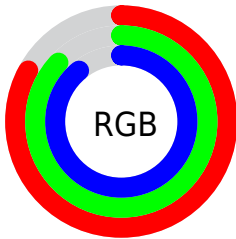
Format	Color
R _Y B	211, 218, 226
Decimal	13885410
CIE Lab	88.02, -3.44, -2.85
CIE LCh	88, 4.465, 219.639
Yxy	72.1152, 0.3025, 0.3257
Android (android.graphics.Color)	4292075490 (0xFFD3DFE2)
YUV	219.7540, 3.0793, -7.6773
Hunter-Lab	84.9207, -7.8252, 1.9685

Details

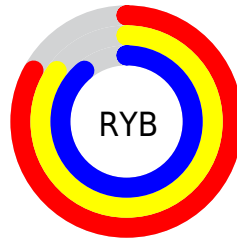
The Yxy color $72.1152, 0.3025, 0.3257$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $68.9528, 0.3236, 0.3323$, and the grayscale version is $71.3741, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $38.0135, 0.2994, 0.3246$ is the 20% darker color. If you saturate the color by 10%, you get $66.6459, 0.2873, 0.3203$, and if you desaturate by 10%, it is $78.1233, 0.3179, 0.3306$.

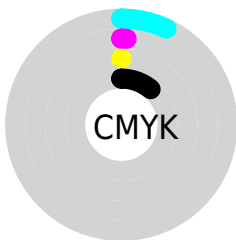
Distribution



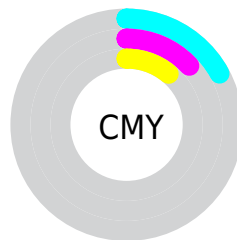
- Red (83%)
- Green (87%)
- Blue (89%)



- Red (83%)
- Yellow (85%)
- Blue (89%)



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (11%)



- Cyan (17%)
- Magenta (13%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.1152, 0.3025, 0.3257 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 72.1152, 0.3025, 0.3257 by changing the saturation by 10% instead.

■ 72.1152, 0.3025,
0.3257

■ 72.1152, 0.3025,
0.3257

467.9425, 0.3072,
0.3273

■ 53.2528, 0.3014,
0.3253

122.2203, 0.3041,
0.3262

■ 38.0046, 0.3001,
0.3249

154.2318, 0.3048,
0.3265

■ 25.9863, 0.2984,
0.3243

191.3951, 0.3053,
0.3266

■ 16.8134, 0.2962,
0.3236

234.0946, 0.3058,
0.3268

■ 10.1015, 0.2931,
0.3225

282.7146, 0.3062,
0.3269

■ 5.4663, 0.2888,
0.3209

337.6397, 0.3066,

■ 2.5234, 0.2819,

0.3271

399.2542, 0.3069,
0.3272

0.3184

0.8883, 0.2687,
0.3139

0.0000, 0.0000,
0.0000

72.1152, 0.3025,
0.3257

72.1152, 0.3025,
0.3257

66.6459, 0.2873,
0.3203

78.1233, 0.3179,
0.3306

61.6864, 0.2725,
0.3144

84.4502, 0.3325,
0.3350

57.2183, 0.2586,
0.3081

87.0080, 0.3319,
0.3394

53.2186, 0.2458,
0.3015

89.6307, 0.3314,
0.3438

■ 49.6624, 0.2345,
0.2945

■ 92.3188, 0.3309,
0.3481

■ 46.5221, 0.2249,
0.2873

■ 95.0727, 0.3304,
0.3524

■ 43.7663, 0.2172,
0.2800

■ 97.8930, 0.3298,
0.3566

■ 41.3586, 0.2114,
0.2727

■ 98.2697, 0.3298,
0.3572

■ 39.2529, 0.2075,
0.2655

Harmonies

Analogous

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



72.1152, 0.3050, 0.3306



72.1152, 0.3025, 0.3257



72.1152, 0.3027, 0.3218

Triad

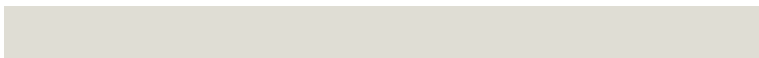
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.1152, 0.3025, 0.3257



72.1152, 0.3158, 0.3231



72.1152, 0.3199, 0.3383

Complementary

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



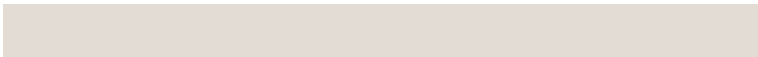
72.1152, 0.3025, 0.3257



68.9528, 0.3236, 0.3323

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.



72.1152, 0.3228, 0.3362



72.1152, 0.3025, 0.3257



72.1152, 0.3205, 0.3274

Square

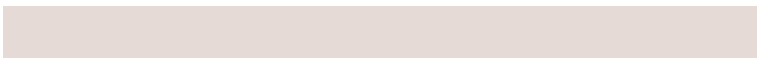
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.1152, 0.3025, 0.3257



72.1152, 0.3103, 0.3204



72.1152, 0.3231, 0.3322



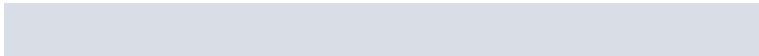
72.1152, 0.3150, 0.3379

Rectangle

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



72.1152, 0.3025, 0.3257



72.1152, 0.3043, 0.3203



72.1152, 0.3231, 0.3322



72.1152, 0.3211, 0.3378

Sweetspot

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



72.1183, 0.3025, 0.3257



98.4012, 0.3096, 0.3280



73.0727, 0.3102, 0.3426



21.0787, 0.3098, 0.3281



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

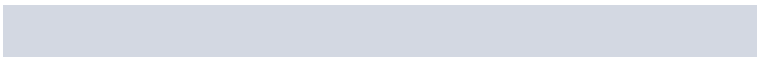
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.1183, 0.3025, 0.3257



93.7773, 0.3003, 0.3250



68.3241, 0.3026, 0.3176



15.0858, 0.2982, 0.3242



22.1879, 0.2067, 0.2643



1.6571, 0.2098, 0.2753

Inverse Universe

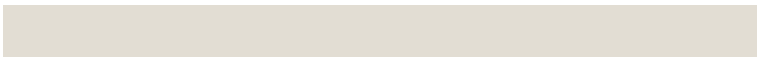
The Inverse Universe completely reimagines the original color for something new.



68.0871, 0.3155, 0.3160



87.4097, 0.3162, 0.3132



72.7068, 0.3229, 0.3401



13.8865, 0.3168, 0.3104



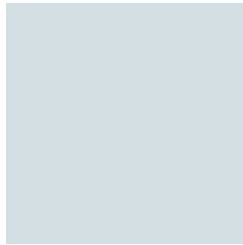
11.1479, 0.3783, 0.1858



0.7847, 0.3678, 0.1800

Previews

White Background



This preview shows how the Yxy color 72.1152, 0.3025, 0.3257 looks on a white background.

Color Contrast Check

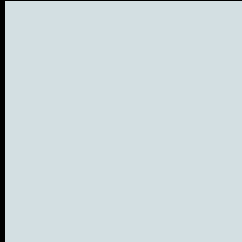
Large Text (above 18pt) WCAG AA × Fail

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 72.1152, 0.3025, 0.3257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

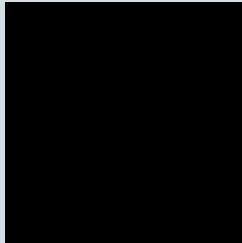
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

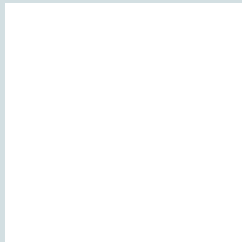
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.1152, 0.3025, 0.3257

Background



This preview shows how black text looks on a background with the Yxy color 72.1152, 0.3025, 0.3257.

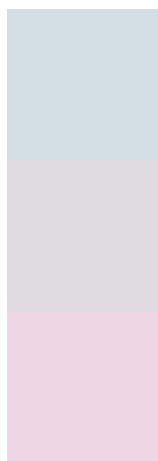


This preview shows how white text looks on a background with the Yxy color 72.1152, 0.3025, 0.3257.

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

72.1152, 0.3025, 0.3257

Protanopia

71.7328, 0.3123, 0.3236

Deuteranopia

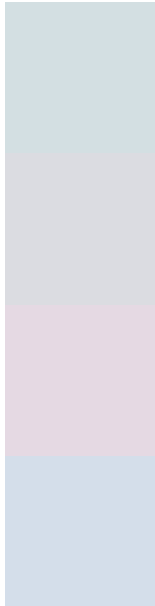
72.0453, 0.3214, 0.3144



Tritanopia

72.0910, 0.2957, 0.3095

Trichromacy



Original Color

72.1152, 0.3025, 0.3257

Protanomaly

71.6827, 0.3087, 0.3236

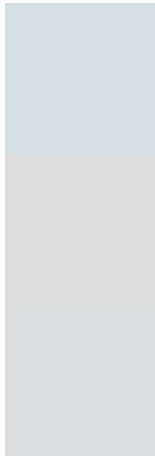
Deuteranomaly

71.8298, 0.3147, 0.3184

Tritanomaly

72.1801, 0.2982, 0.3159

Monochromacy



Original Color

72.1152, 0.3025, 0.3257

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.7385, 0.3092, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.1152, 0.3025, 0.3257 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(211, 223, 226)` looks like.

```
.text, #text, p{  
    color:rgb(211, 223, 226)  
}
```

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(211, 223, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 223, 226) }
```

Border

The CSS property to change the border of an element to Yxy 72.1152, 0.3025, 0.3257 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(211, 223, 226) }
```

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

```
.border{ border-color:rgb(211, 223, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 223, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 223, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 223, 226);  
box-shadow:4px 4px 4px 4px rgb(211, 223,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 72.1152, 0.3025, 0.3257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 223, 226) }
```

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

```
.background{ background-color: rgb(211,  
223, 226) }
```

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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