

Converting Colors

$Y_{xy}(75.4277, 0.3015, 0.3151)$

Have a look what the booklet for
Yxy(75.4277, 0.3015, 0.3151)
contains.

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Color

Yxy(75.3956, 0.3017, 0.3152)

Conversions

Conversions Part 1

Format	Color
Hex	DDE1EE
RGB	221, 225, 238
RGB Percent	87%, 88%, 93%
CMY	0.1335, 0.1176, 0.0667
CMYK	0.07, 0.05, 0.00, 0.07
HSL	226°, 33%, 90%
HSV	226°, 7%, 93%
XYZ	72.1664, 75.3956, 91.6372
YIQ	225.2860, -6.5570, 3.1950

Conversions

Conversions Part 2

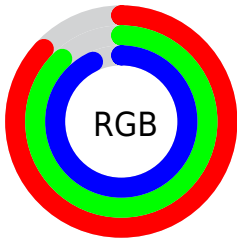
Format	Color
R _{YB}	221, 224, 238
Decimal	14541294
CIE Lab	89.58, 1.07, -6.80
CIE LCh	90, 6.881, 278.919
Yxy	75.3956, 0.3017, 0.3152
Android (android.graphics.Color)	4292731374 (0xFFDDE1EE)
YUV	225.2860, 6.2680, -3.7588
Hunter-Lab	86.8306, -3.5993, -1.7906

Details

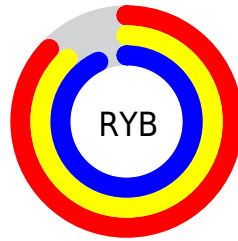
The Yxy color `75.3956, 0.3017, 0.3152` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `82.2066, 0.3237, 0.3424`, and the grayscale version is `75.4667, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `40.2338, 0.2993, 0.3125` is the 20% darker color. If you saturate the color by 10%, you get `62.6365, 0.2851, 0.2938`, and if you desaturate by 10%, it is `89.7314, 0.3169, 0.3341`.

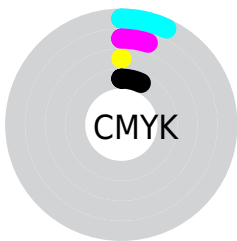
Distribution



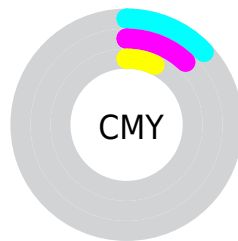
- Red (87%)
- Green (88%)
- Blue (93%)



- Red (87%)
- Yellow (88%)
- Blue (93%)



- Cyan (7%)
- Magenta (5%)
- Yellow (0%)
- Black (7%)



- Cyan (13%)
- Magenta (12%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.3956, 0.3017, 0.3152 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 75.3956, 0.3017, 0.3152 by changing the saturation by 10% instead.

■ 75.3956, 0.3017,
0.3152

■ 75.3956, 0.3017,
0.3152

479.2762, 0.3068,
0.3215

■ 55.9370, 0.3005,
0.3138

126.8722, 0.3035,
0.3174

■ 40.1524, 0.2991,
0.3120

159.6590, 0.3041,
0.3182

■ 27.6574, 0.2973,
0.3098

197.6574, 0.3047,
0.3190

■ 18.0676, 0.2950,
0.3069

241.2517, 0.3052,
0.3196

■ 10.9985, 0.2918,
0.3030

290.8263, 0.3057,
0.3202

■ 6.0658, 0.2873,
0.2974

346.7657, 0.3061,

■ 2.8852, 0.2802,

0.3207

0.2888

409.4542, 0.3064,
0.3211

■ 1.0721, 0.2679,
0.2738

■ 0.0000, 0.0000,
0.0000

■ 75.3956, 0.3017,
0.3152

■ 75.3956, 0.3017,
0.3152

■ 62.6365, 0.2851,
0.2938

■ 89.7314, 0.3169,
0.3341

■ 51.3900, 0.2673,
0.2699

■ 98.9531, 0.3226,
0.3454

■ 41.6016, 0.2485,
0.2437

■ 33.2099, 0.2294,
0.2157

■ 26.1486, 0.2106,
0.1868

■ 20.3463, 0.1931,
0.1581

■ 15.7240, 0.1781,
0.1312

■ 12.1926, 0.1664,
0.1076

■ 9.6462, 0.1585,
0.0887

Harmonies

Analogous

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



75.3956, 0.2975, 0.3181



75.3956, 0.3017, 0.3152



75.3956, 0.3089, 0.3159

Triad

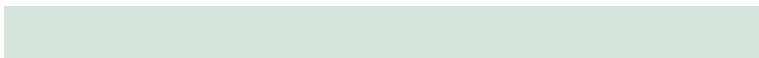
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.3956, 0.3017, 0.3152



75.3956, 0.3284, 0.3336



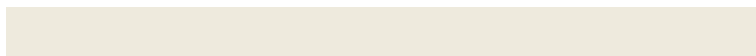
75.3956, 0.3081, 0.3383

Complementary

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



75.3956, 0.3017, 0.3152



82.2066, 0.3237, 0.3424

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.



75.3956, 0.3164, 0.3426



75.3956, 0.3017, 0.3152



75.3956, 0.3282, 0.3397

Square

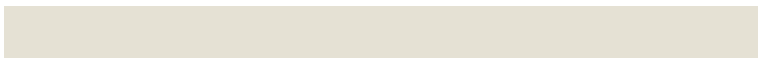
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.3956, 0.3017, 0.3152



75.3956, 0.3244, 0.3264



75.3956, 0.3238, 0.3430



75.3956, 0.3012, 0.3315

Rectangle

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



75.3956, 0.3017, 0.3152



75.3956, 0.3144, 0.3183



75.3956, 0.3238, 0.3430



75.3956, 0.3109, 0.3401

Sweetspot

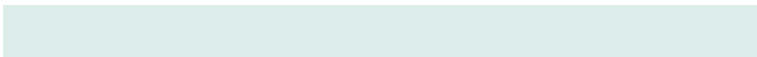
The Sweet Spot groups the original color and five complimentary colors.



75.3988, 0.3017, 0.3152



96.5919, 0.3097, 0.3253



82.4403, 0.3041, 0.3335



20.7104, 0.3099, 0.3254



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.



75.3988, 0.3017, 0.3152



85.2531, 0.2987, 0.3114



73.9061, 0.3046, 0.3110



15.8401, 0.2980, 0.3105



5.2265, 0.1574, 0.0866



0.5838, 0.1641, 0.1108

Inverse Universe

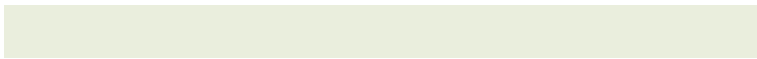
The Inverse Universe completely reimagines the original color for something new.



75.3048, 0.3222, 0.3248



85.1461, 0.3249, 0.3237



83.8158, 0.3204, 0.3467



15.8206, 0.3256, 0.3234



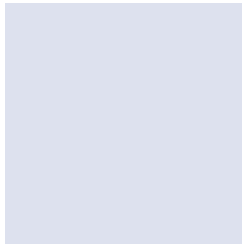
10.3210, 0.5965, 0.3060



0.8737, 0.5599, 0.2858

Previews

White Background



This preview shows how the Yxy color 75.3956, 0.3017, 0.3152 looks on a white background.

Color Contrast Check

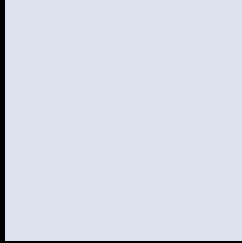
Large Text (above 18pt) WCAG AA × Fail

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 75.3956, 0.3017, 0.3152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

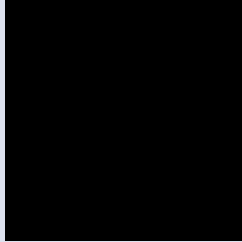
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

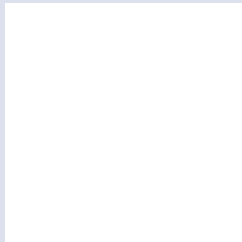
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.3956, 0.3017, 0.3152

Background



This preview shows how black text looks on a background with the Yxy color 75.3956, 0.3017, 0.3152.

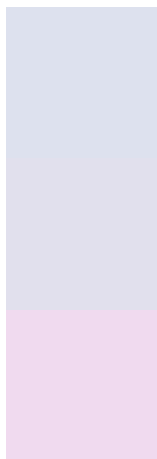


This preview shows how white text looks on a background with the Yxy color 75.3956, 0.3017, 0.3152.

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

75.3956, 0.3017, 0.3152

Protanopia

75.4333, 0.3051, 0.3153

Deuteranopia

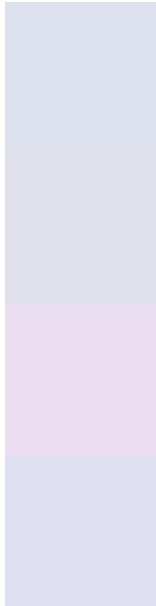
74.9001, 0.3144, 0.3075



Tritanopia

75.2517, 0.2999, 0.3100

Trichromacy



Original Color

75.3956, 0.3017, 0.3152

Protanomaly

75.2730, 0.3044, 0.3152

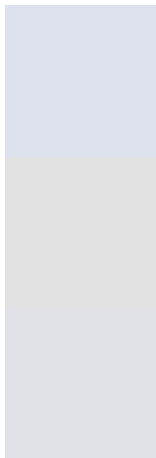
Deuteranomaly

75.2685, 0.3094, 0.3103

Tritanomaly

75.1918, 0.3005, 0.3110

Monochromacy



Original Color

75.3956, 0.3017, 0.3152

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.4109, 0.3088, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.3956, 0.3017, 0.3152 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(221, 225, 238)` looks like.

```
.text, #text, p{  
    color:rgb(221, 225, 238)  
}
```

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(221, 225, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 225, 238) }
```

Border

The CSS property to change the border of an element to Yxy 75.3956, 0.3017, 0.3152 is called "border". The border property can be set on classes, ids or directly on the HTML element.

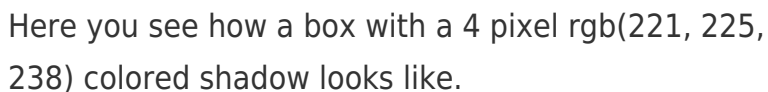
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(221, 225, 238) }
```

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

```
.border{ border-color:rgb(221, 225, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(221, 225, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 225, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 225, 238); box-shadow:4px 4px 4px 4px rgb(221, 225, 238) }
```


Background

The CSS property to change the background color of an element to Yxy 75.3956, 0.3017, 0.3152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 225, 238) }
```

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

```
.background{ background-color: rgb(221,  
225, 238) }
```

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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