

Converting Colors

$Yxy(78.4147, 0.3023, 0.3222)$

Have a look what the booklet for
Yxy(78.4147, 0.3023, 0.3222)
contains.

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Color

Yxy(78.6384, 0.3023, 0.3226)

Conversions

Conversions Part 1

Format	Color
Hex	DDE7ED
RGB	221, 231, 237
RGB Percent	87%, 91%, 93%
CMY	0.1332, 0.0941, 0.0705
CMYK	0.07, 0.03, 0.00, 0.07
HSL	203°, 31%, 90%
HSV	203°, 7%, 93%
XYZ	73.6900, 78.6384, 91.4360
YIQ	228.6940, -7.8860, -0.2540

Conversions

Conversions Part 2

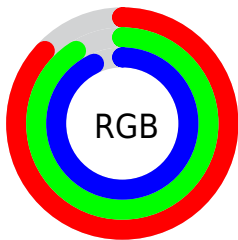
Format	Color
R_{YB}	221, 227, 237
Decimal	14542829
CIE _{Lab}	91.07, -2.18, -4.09
CIE _{LCh}	91, 4.630, 241.935
Yxy	78.6384, 0.3023, 0.3226
Android (android.graphics.Color)	4292732909 (0xFFDDE7ED)
YUV	228.6940, 4.0949, -6.7476
Hunter-Lab	88.6783, -6.8569, 0.9410

Details

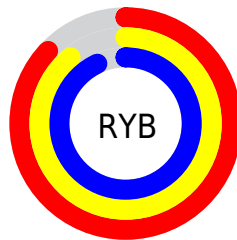
The Yxy color **78.6384, 0.3023, 0.3226** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.2036, 0.3236, 0.3353**, and the grayscale version is **78.0977, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.1031, 0.3001, 0.3207** is the 20% darker color. If you saturate the color by 10%, you get **70.3031, 0.2866, 0.3122**, and if you desaturate by 10%, it is **87.7612, 0.3177, 0.3319**.

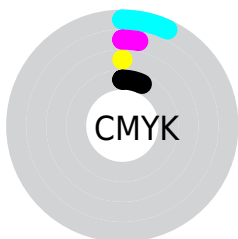
Distribution



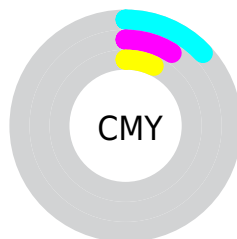
- Red (87%)
- Green (91%)
- Blue (93%)



- Red (87%)
- Yellow (89%)
- Blue (93%)



- Cyan (7%)
- Magenta (3%)
- Yellow (0%)
- Black (7%)



- Cyan (13%)
- Magenta (9%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.6384, 0.3023, 0.3226 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 78.6384, 0.3023, 0.3226 by changing the saturation by 10% instead.

■ 78.6384, 0.3023,
0.3226

■ 78.6384, 0.3023,
0.3226

490.3322, 0.3070,
0.3255

■ 58.5986, 0.3012,
0.3219

131.4497, 0.3039,
0.3236

■ 42.2900, 0.2999,
0.3211

164.9899, 0.3046,
0.3240

■ 29.3285, 0.2983,
0.3201

203.7990, 0.3051,
0.3244

■ 19.3294, 0.2961,
0.3187

248.2615, 0.3056,
0.3247

■ 11.9086, 0.2933,
0.3169

298.7616, 0.3060,
0.3249

■ 6.6814, 0.2892,
0.3143

355.6839, 0.3064,

■ 3.2637, 0.2830,

0.3252

0.3102

419.4126, 0.3067,
0.3254

■ 1.2709, 0.2723,
0.3031

■ 0.1185, 0.1003,
0.2000

■ 78.6384, 0.3023,
0.3226

■ 78.6384, 0.3023,
0.3226

■ 70.3031, 0.2866,
0.3122

■ 87.7612, 0.3177,
0.3319

■ 62.7196, 0.2709,
0.3008

■ 95.0480, 0.3237,
0.3405

■ 55.8639, 0.2555,
0.2884

■ 98.8961, 0.3232,
0.3463

■ 49.7069, 0.2408,
0.2752

■ 44.2169, 0.2271,
0.2611

■ 39.3591, 0.2149,
0.2466

■ 35.0946, 0.2045,
0.2319

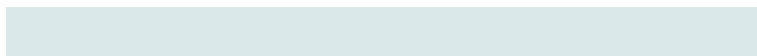
■ 31.3784, 0.1963,
0.2173

■ 28.1546, 0.1902,
0.2030

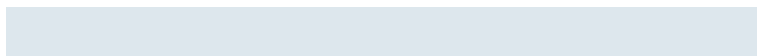
Harmonies

Analogous

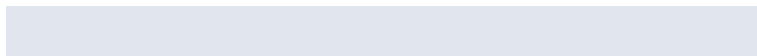
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.6384, 0.3028, 0.3269



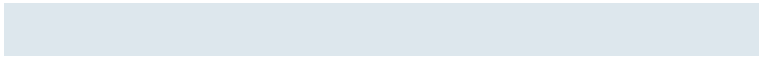
78.6384, 0.3023, 0.3226



78.6384, 0.3045, 0.3201

Triad

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



78.6384, 0.3023, 0.3226



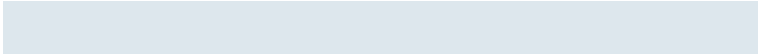
78.6384, 0.3195, 0.3262



78.6384, 0.3164, 0.3383

Complementary

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



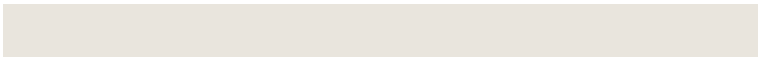
78.6384, 0.3023, 0.3226



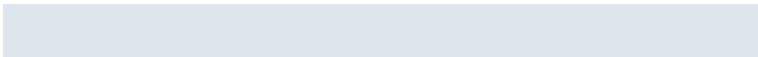
78.2036, 0.3236, 0.3353

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.



78.6384, 0.3209, 0.3380



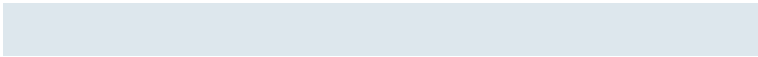
78.6384, 0.3023, 0.3226



78.6384, 0.3227, 0.3310

Square

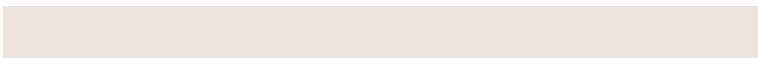
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



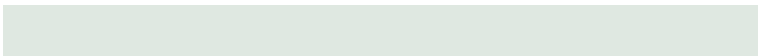
78.6384, 0.3023, 0.3226



78.6384, 0.3144, 0.3222



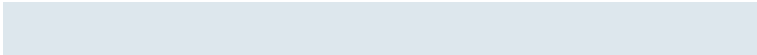
78.6384, 0.3233, 0.3353



78.6384, 0.3110, 0.3360

Rectangle

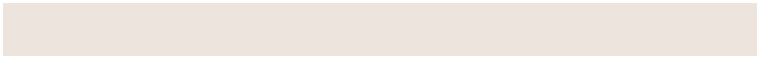
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.6384, 0.3023, 0.3226



78.6384, 0.3073, 0.3197



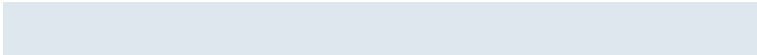
78.6384, 0.3233, 0.3353



78.6384, 0.3181, 0.3385

Sweetspot

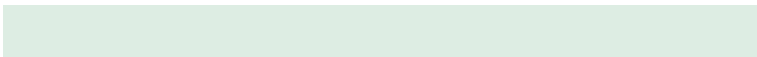
The Sweet Spot groups the original color and five complimentary colors.



78.6417, 0.3023, 0.3226



97.8246, 0.3096, 0.3271



81.5017, 0.3083, 0.3397



20.9614, 0.3098, 0.3272



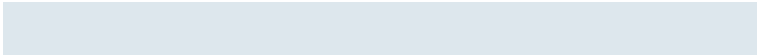
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



78.6417, 0.3023, 0.3226



91.5237, 0.3003, 0.3213



74.3548, 0.3024, 0.3142



16.1121, 0.2981, 0.3199



15.0987, 0.1891, 0.2007



1.3697, 0.1946, 0.2204

Inverse Universe

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



75.5067, 0.3175, 0.3187



87.1823, 0.3184, 0.3167



82.5879, 0.3229, 0.3434



15.2119, 0.3196, 0.3144



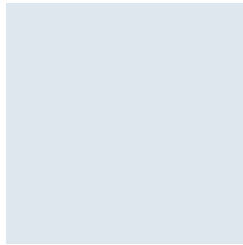
11.0170, 0.4445, 0.2222



0.8837, 0.4228, 0.2103

Previews

White Background



This preview shows how the Yxy color 78.6384, 0.3023, 0.3226 looks on a white background.

Color Contrast Check

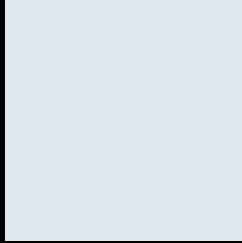
Large Text (above 18pt) WCAG AA × Fail

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 78.6384, 0.3023, 0.3226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

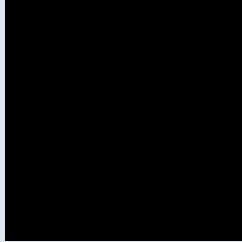
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

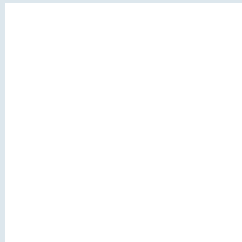
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.6384, 0.3023, 0.3226

Background



This preview shows how black text looks on a background with the Yxy color 78.6384, 0.3023, 0.3226.

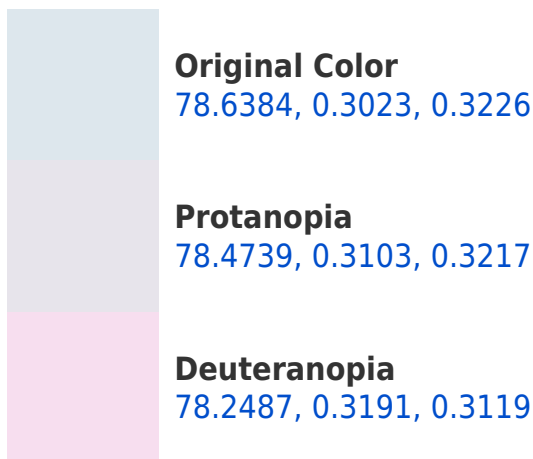


This preview shows how white text looks on a background with the Yxy color 78.6384, 0.3023, 0.3226.

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

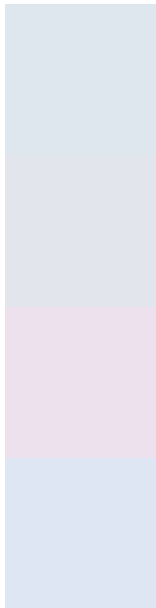




Tritanopia

78.5039, 0.2970, 0.3092

Trichromacy



Original Color

78.6384, 0.3023, 0.3226

Protanomaly

78.4256, 0.3069, 0.3217

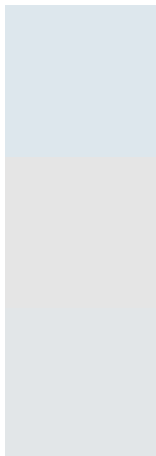
Deuteranomaly

78.2006, 0.3133, 0.3157

Tritanomaly

78.6549, 0.2987, 0.3143

Monochromacy



Original Color

78.6384, 0.3023, 0.3226

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

78.5886, 0.3087, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.6384, 0.3023, 0.3226 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, 231, 237)` looks like.

```
.text, #text, p{  
    color:rgb(221, 231, 237)  
}
```

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, 231, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 231, 237) }
```

Border

The CSS property to change the border of an element to Yxy 78.6384, 0.3023, 0.3226 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, 231, 237) }
```

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

```
.border{ border-color:rgb(221, 231, 237) }
```

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

Here you see how a box with a 4 pixel rgb(221, 231, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 231, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 231, 237);  
box-shadow:4px 4px 4px 4px rgb(221, 231,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 78.6384, 0.3023, 0.3226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 231, 237) }
```

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

```
.background{ background-color: rgb(221,  
231, 237) }
```

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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