

Converting Colors

$Y_{xy}(75.6240, 0.2972, 0.3188)$

Have a look what the booklet for
Yxy(75.6240, 0.2972, 0.3188)
contains.

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Color

Yxy(75.7474, 0.2970, 0.3193)

Conversions

Conversions Part 1

Format	Color
Hex	D5E4ED
RGB	213, 228, 237
RGB Percent	84%, 89%, 93%
CMY	0.1649, 0.1058, 0.0706
CMYK	0.10, 0.04, 0.00, 0.07
HSL	202°, 40%, 88%
HSV	202°, 10%, 93%
XYZ	70.4572, 75.7474, 91.0250
YIQ	224.5410, -11.8290, -0.3810

Conversions

Conversions Part 2

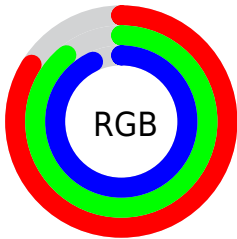
Format	Color
R _Y B	213, 222, 237
Decimal	14017773
CIE Lab	89.74, -3.27, -6.09
CIE LCh	90, 6.915, 241.780
Yxy	75.7474, 0.2970, 0.3193
Android (android.graphics.Color)	4292207853 (0xFFD5E4ED)
YUV	224.5410, 6.1423, -10.1215
Hunter-Lab	87.0330, -7.8038, -1.0864

Details

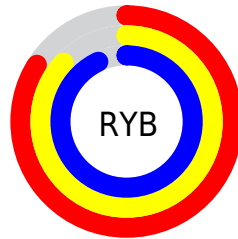
The Yxy color `75.7474, 0.2970, 0.3193` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `75.0058, 0.3296, 0.3385`, and the grayscale version is `74.9059, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `40.4924, 0.2934, 0.3177` is the 20% darker color. If you saturate the color by 10%, you get `67.7197, 0.2813, 0.3087`, and if you desaturate by 10%, it is `84.5482, 0.3125, 0.3289`.

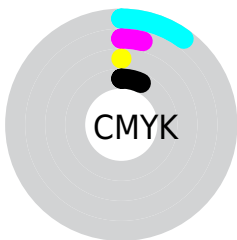
Distribution



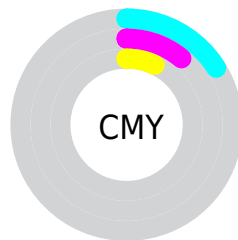
- Red (84%)
- Green (89%)
- Blue (93%)



- Red (84%)
- Yellow (87%)
- Blue (93%)



- Cyan (10%)
- Magenta (4%)
- Yellow (0%)
- Black (7%)



- Cyan (16%)
- Magenta (11%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.7474, 0.2970, 0.3193 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 75.7474, 0.2970, 0.3193 by changing the saturation by 10% instead.

■ 75.7474, 0.2970,
0.3193

■ 75.7474, 0.2970,
0.3193

480.4826, 0.3042,
0.3238

■ 56.2254, 0.2954,
0.3183

127.3698, 0.2995,
0.3209

■ 40.3837, 0.2934,
0.3170

160.2390, 0.3005,
0.3215

■ 27.8378, 0.2909,
0.3154

198.3260, 0.3013,
0.3220

■ 18.2034, 0.2876,
0.3133

242.0152, 0.3020,
0.3224

■ 11.0961, 0.2832,
0.3104

291.6911, 0.3027,
0.3228

■ 6.1315, 0.2768,
0.3063

347.7380, 0.3032,

■ 2.9252, 0.2672,

0.3232

0.2998

410.5404, 0.3037,
0.3235

■ 1.0928, 0.2504,
0.2881

■ 0.0000, 0.0000,
0.0000

■ 75.7474, 0.2970,
0.3193

■ 75.7474, 0.2970,
0.3193

■ 67.7197, 0.2813,
0.3087

■ 84.5482, 0.3125,
0.3289

■ 60.4296, 0.2657,
0.2971

■ 93.1096, 0.3240,
0.3375

■ 53.8525, 0.2505,
0.2845

■ 98.6105, 0.3233,
0.3459

■ 47.9584, 0.2361,
0.2711

■ 98.8943, 0.3232,
0.3464

■ 42.7151, 0.2229,
0.2571

■ 38.0865, 0.2114,
0.2426

■ 34.0321, 0.2018,
0.2280

■ 30.5044, 0.1943,
0.2136

■ 27.4680, 0.1888,
0.1998

Harmonies

Analogous

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



75.7474, 0.2978, 0.3258



75.7474, 0.2970, 0.3193



75.7474, 0.3003, 0.3155

Triad

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



75.7474, 0.2970, 0.3193



75.7474, 0.3229, 0.3247



75.7474, 0.3183, 0.3431

Complementary

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



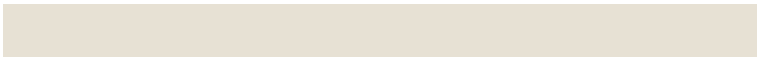
75.7474, 0.2970, 0.3193



75.0058, 0.3296, 0.3385

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.



75.7474, 0.3252, 0.3426



75.7474, 0.2970, 0.3193



75.7474, 0.3279, 0.3319

Square

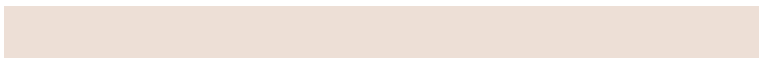
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



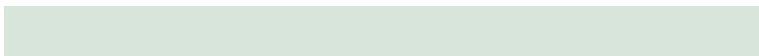
75.7474, 0.2970, 0.3193



75.7474, 0.3152, 0.3187



75.7474, 0.3287, 0.3385



75.7474, 0.3101, 0.3397

Rectangle

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



75.7474, 0.2970, 0.3193



75.7474, 0.3045, 0.3150



75.7474, 0.3287, 0.3385



75.7474, 0.3209, 0.3434

Sweetspot

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



75.7506, 0.2970, 0.3193



96.7698, 0.3081, 0.3262



79.9661, 0.3061, 0.3455



20.5310, 0.3068, 0.3255



0.0000, 0.0000, 0.0000



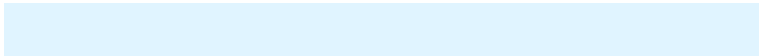
21.4041, 0.3127, 0.3290

Same Dimension

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



75.7506, 0.2970, 0.3193



87.5804, 0.2940, 0.3174



69.4415, 0.2969, 0.3063



16.1223, 0.2981, 0.3200



15.2568, 0.1895, 0.2021



1.3815, 0.1949, 0.2216

Inverse Universe

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



71.1672, 0.3200, 0.3132



81.2928, 0.3216, 0.3102



81.5318, 0.3282, 0.3507



15.2129, 0.3195, 0.3143



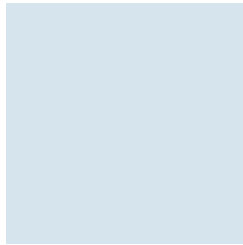
11.0330, 0.4429, 0.2214



0.8849, 0.4215, 0.2096

Previews

White Background



This preview shows how the Yxy color 75.7474, 0.2970, 0.3193 looks on a white background.

Color Contrast Check

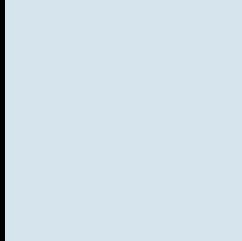
Large Text (above 18pt) WCAG AA × Fail

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 75.7474, 0.2970, 0.3193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

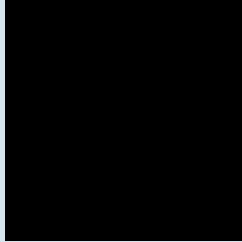
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

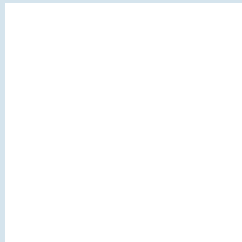
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.7474, 0.2970, 0.3193

Background



This preview shows how black text looks on a background with the Yxy color 75.7474, 0.2970, 0.3193.

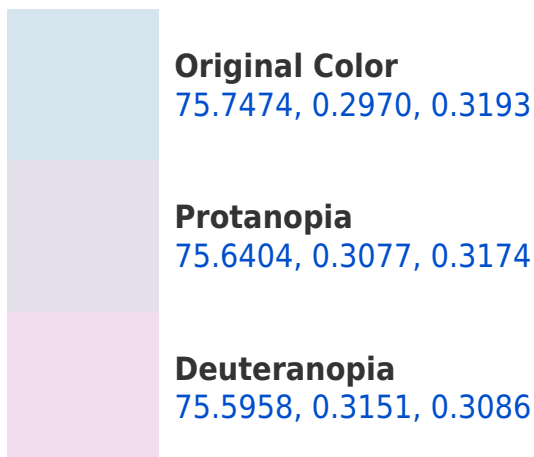


This preview shows how white text looks on a background with the Yxy color 75.7474, 0.2970, 0.3193.

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

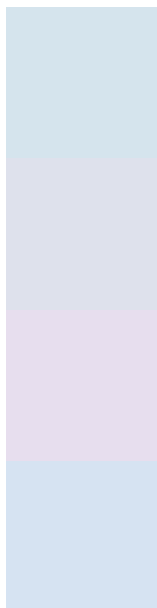




Tritanopia

75.8269, 0.2929, 0.3098

Trichromacy



Original Color

75.7474, 0.2970, 0.3193

Protanomaly

75.4362, 0.3037, 0.3173

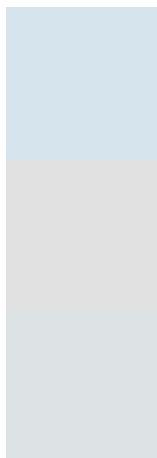
Deuteranomaly

75.4045, 0.3086, 0.3123

Tritanomaly

75.6451, 0.2947, 0.3129

Monochromacy



Original Color

75.7474, 0.2970, 0.3193

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.4220, 0.3074, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.7474, 0.2970, 0.3193 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(213, 228, 237)` looks like.

```
.text, #text, p{  
    color:rgb(213, 228, 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(213, 228, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 228, 237) }
```

Border

The CSS property to change the border of an element to Yxy 75.7474, 0.2970, 0.3193 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(213, 228, 237) }
```

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

```
.border{ border-color:rgb(213, 228, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 228, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 228, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 228, 237);  
box-shadow:4px 4px 4px 4px rgb(213, 228,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 75.7474, 0.2970, 0.3193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 228, 237) }
```

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

```
.background{ background-color: rgb(213,  
228, 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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