

Converting Colors

$Yxy(74.3202, 0.2997, 0.3167)$

Have a look what the booklet for
Yxy(74.3202, 0.2997, 0.3167)
contains.

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Color

Yxy(74.5055, 0.2996, 0.3172)

Conversions

Conversions Part 1

Format	Color
Hex	D8E1EC
RGB	216, 225, 236
RGB Percent	85%, 88%, 93%
CMY	0.1531, 0.1176, 0.0746
CMYK	0.08, 0.05, 0.00, 0.07
HSL	213°, 34%, 89%
HSV	213°, 8%, 93%
XYZ	70.3715, 74.5055, 90.0079
YIQ	223.5630, -8.8950, 1.5130

Conversions

Conversions Part 2

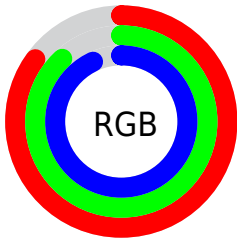
Format	Color
R _Y B	216, 222, 236
Decimal	14213612
CIE Lab	89.16, -0.95, -6.39
CIE LCh	89, 6.461, 261.556
Yxy	74.5055, 0.2996, 0.3172
Android (android.graphics.Color)	4292403692 (0xFFD8E1EC)
YUV	223.5630, 6.1314, -6.6328
Hunter-Lab	86.3166, -5.5279, -1.4039

Details

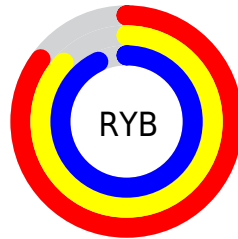
The Yxy color **74.5055, 0.2996, 0.3172** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.6736, 0.3263, 0.3405**, and the grayscale version is **74.1701, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.6218, 0.2966, 0.3150** is the 20% darker color. If you saturate the color by 10%, you get **64.4489, 0.2834, 0.3018**, and if you desaturate by 10%, it is **85.6125, 0.3150, 0.3310**.

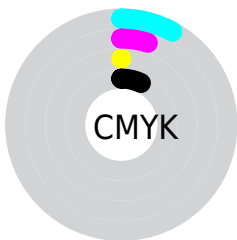
Distribution



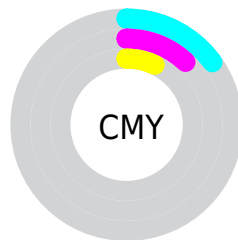
- Red (85%)
- Green (88%)
- Blue (93%)



- Red (85%)
- Yellow (87%)
- Blue (93%)



- Cyan (8%)
- Magenta (5%)
- Yellow (0%)
- Black (7%)



- Cyan (15%)
- Magenta (12%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.5055, 0.2996, 0.3172 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 74.5055, 0.2996, 0.3172 by changing the saturation by 10% instead.

■ 74.5055, 0.2996,
0.3172

■ 74.5055, 0.2996,
0.3172

476.2162, 0.3056,
0.3227

■ 55.2079, 0.2982,
0.3160

125.6121, 0.3017,
0.3191

■ 39.5682, 0.2965,
0.3144

158.1899, 0.3025,
0.3198

■ 27.2020, 0.2944,
0.3125

195.9632, 0.3032,
0.3205

■ 17.7250, 0.2916,
0.3100

239.3164, 0.3038,
0.3210

■ 10.7527, 0.2879,
0.3065

288.6339, 0.3044,
0.3215

■ 5.9008, 0.2824,
0.3016

344.3001, 0.3048,

■ 2.7849, 0.2741,

0.3219

0.2938

406.6994, 0.3053,
0.3223

■ 1.0205, 0.2593,
0.2801

■ 0.0000, 0.0000,
0.0000

■ 74.5055, 0.2996,
0.3172

■ 74.5055, 0.2996,
0.3172

■ 64.4489, 0.2834,
0.3018

■ 85.6125, 0.3150,
0.3310

■ 55.3999, 0.2668,
0.2847

■ 96.2132, 0.3242,
0.3434

■ 47.3259, 0.2499,
0.2660

■ 98.8346, 0.3238,
0.3474

■ 40.1894, 0.2333,
0.2460

■ 33.9495, 0.2175,
0.2249

■ 28.5619, 0.2030,
0.2034

■ 23.9773, 0.1906,
0.1820

■ 20.1396, 0.1806,
0.1615

■ 16.9731, 0.1732,
0.1425

Harmonies

Analogous

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



74.5055, 0.2978, 0.3218



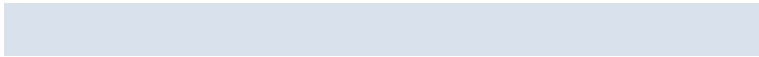
74.5055, 0.2996, 0.3172



74.5055, 0.3049, 0.3158

Triad

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



74.5055, 0.2996, 0.3172



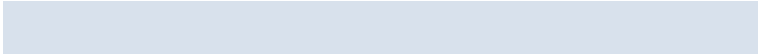
74.5055, 0.3257, 0.3294



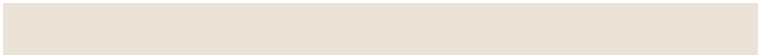
74.5055, 0.3129, 0.3405

Complementary

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



74.5055, 0.2996, 0.3172



77.6736, 0.3263, 0.3405

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.



74.5055, 0.3204, 0.3425



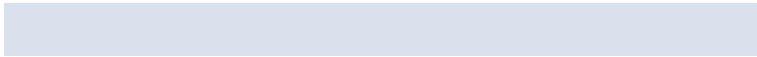
74.5055, 0.2996, 0.3172



74.5055, 0.3279, 0.3360

Square

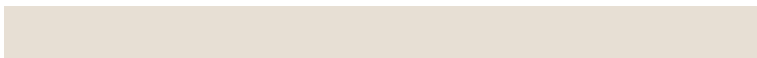
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.5055, 0.2996, 0.3172



74.5055, 0.3200, 0.3229



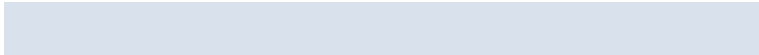
74.5055, 0.3260, 0.3408



74.5055, 0.3054, 0.3353

Rectangle

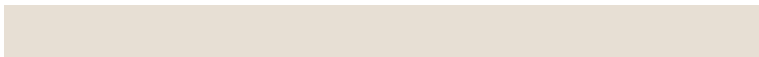
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.5055, 0.2996, 0.3172



74.5055, 0.3098, 0.3169



74.5055, 0.3260, 0.3408



74.5055, 0.3155, 0.3416

Sweetspot

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



74.5086, 0.2996, 0.3172



95.9359, 0.3081, 0.3249



80.0942, 0.3052, 0.3390



20.3059, 0.3069, 0.3238



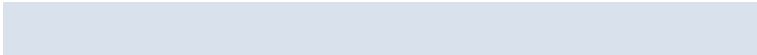
0.0000, 0.0000, 0.0000



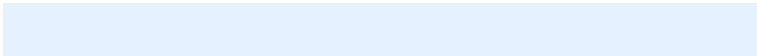
21.4041, 0.3127, 0.3290

Same Dimension

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



74.5086, 0.2996, 0.3172



86.8981, 0.2971, 0.3149



69.8389, 0.3000, 0.3073



15.6723, 0.2980, 0.3158



9.3691, 0.1730, 0.1426



0.9256, 0.1803, 0.1691

Inverse Universe

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



72.3558, 0.3211, 0.3195



83.9293, 0.3228, 0.3177



82.6460, 0.3249, 0.3499



15.1675, 0.3222, 0.3184



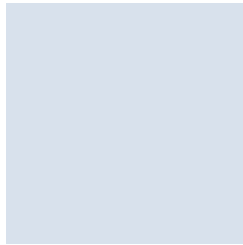
10.4386, 0.5156, 0.2614



0.8389, 0.4818, 0.2428

Previews

White Background



This preview shows how the Yxy color 74.5055, 0.2996, 0.3172 looks on a white background.

Color Contrast Check

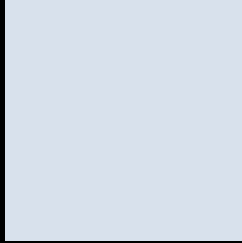
Large Text (above 18pt) WCAG AA × Fail

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 74.5055, 0.2996, 0.3172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

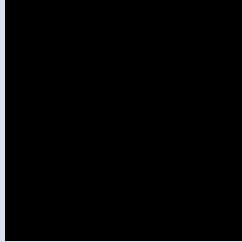
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

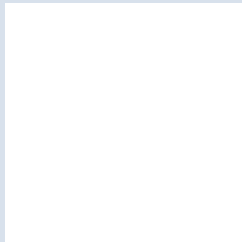
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.5055, 0.2996, 0.3172

Background



This preview shows how black text looks on a background with the Yxy color 74.5055, 0.2996, 0.3172.

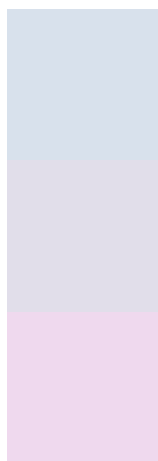


This preview shows how white text looks on a background with the Yxy color 74.5055, 0.2996, 0.3172.

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

74.5055, 0.2996, 0.3172

Protanopia

74.1906, 0.3070, 0.3163

Deuteranopia

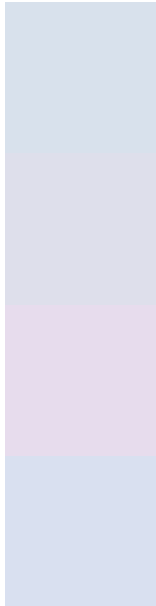
74.1495, 0.3144, 0.3074



Tritanopia

74.4738, 0.2966, 0.3098

Trichromacy



Original Color

74.5055, 0.2996, 0.3172

Protanomaly

74.3031, 0.3043, 0.3162

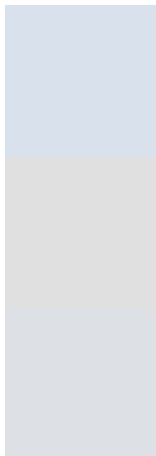
Deuteranomaly

74.2897, 0.3093, 0.3112

Tritanomaly

74.3543, 0.2978, 0.3119

Monochromacy



Original Color

74.5055, 0.2996, 0.3172

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.2849, 0.3081, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.5055, 0.2996, 0.3172 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(216, 225, 236)` looks like.

```
.text, #text, p{  
    color:rgb(216, 225, 236)  
}
```

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(216, 225, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 225, 236) }
```

Border

The CSS property to change the border of an element to Yxy 74.5055, 0.2996, 0.3172 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(216, 225, 236) }
```

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

```
.border{ border-color:rgb(216, 225, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 225, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 225, 236); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 225, 236); box-shadow:4px 4px 4px 4px rgb(216, 225, 236) }
```


Background

The CSS property to change the background color of an element to Yxy 74.5055, 0.2996, 0.3172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 225, 236) }
```

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

```
.background{ background-color: rgb(216,  
225, 236) }
```

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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