

Converting Colors

$Y_{xy}(74.7260, 0.3049, 0.3235)$

Have a look what the booklet for
Yxy(74.7260, 0.3049, 0.3235)
contains.

Yxy(74.6237, 0.3054, 0.3236)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.6237, 0.3054, 0.3236)

Conversions

Conversions Part 1

Format	Color
Hex	DBE1E6
RGB	219, 225, 230
RGB Percent	86%, 88%, 90%
CMY	0.1411, 0.1177, 0.0980
CMYK	0.05, 0.02, 0.00, 0.10
HSL	207°, 18%, 88%
HSV	207°, 5%, 90%
XYZ	70.4267, 74.6237, 85.5544
YIQ	223.7760, -5.1810, 0.2830

Conversions

Conversions Part 2

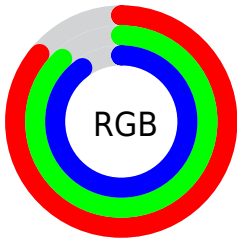
Format	Color
R _Y B	219, 223, 230
Decimal	14410214
CIE Lab	89.22, -1.07, -3.15
CIE LCh	89, 3.324, 251.217
Yxy	74.6237, 0.3054, 0.3236
Android (android.graphics.Color)	4292600294 (0xFFDBE1E6)
YUV	223.7760, 3.0684, -4.1886
Hunter-Lab	86.3850, -5.6489, 1.7496

Details

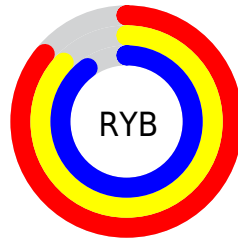
The Yxy color **74.6237, 0.3054, 0.3236** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.2649, 0.3202, 0.3343**, and the grayscale version is **74.3578, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.7371, 0.3032, 0.3220** is the 20% darker color. If you saturate the color by 10%, you get **65.8073, 0.2897, 0.3113**, and if you desaturate by 10%, it is **84.2873, 0.3206, 0.3346**.

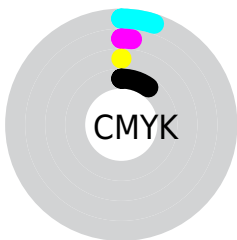
Distribution



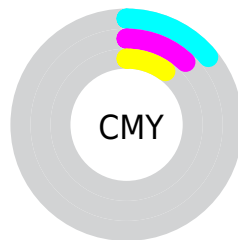
- Red (86%)
- Green (88%)
- Blue (90%)



- Red (86%)
- Yellow (87%)
- Blue (90%)



- Cyan (5%)
- Magenta (2%)
- Yellow (0%)
- Black (10%)



- Cyan (14%)
- Magenta (12%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.6237, 0.3054, 0.3236 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 74.6237, 0.3054, 0.3236 by changing the saturation by 10% instead.

■ 74.6237, 0.3054,
0.3236

■ 74.6237, 0.3054,
0.3236

476.6232, 0.3088,
0.3261

■ 55.3047, 0.3046,
0.3230

125.7795, 0.3066,
0.3245

■ 39.6457, 0.3037,
0.3223

158.3852, 0.3070,
0.3248

■ 27.2624, 0.3025,
0.3214

196.1884, 0.3074,
0.3251

■ 17.7704, 0.3009,
0.3203

239.5737, 0.3078,
0.3254

■ 10.7853, 0.2988,
0.3187

288.9254, 0.3081,
0.3256

■ 5.9226, 0.2958,
0.3164

344.6280, 0.3083,

■ 2.7981, 0.2910,

0.3258

0.3127

407.0658, 0.3086,
0.3259

■ 1.0273, 0.2826,
0.3062

■ 0.0000, 0.0000,
0.0000

■ 74.6237, 0.3054,
0.3236

■ 74.6237, 0.3054,
0.3236

■ 65.8073, 0.2897,
0.3113

■ 84.2873, 0.3206,
0.3346

■ 57.8023, 0.2736,
0.2977

■ 92.8623, 0.3283,
0.3446

■ 50.5841, 0.2575,
0.2828

■ 98.4932, 0.3274,
0.3532

■ 44.1230, 0.2418,
0.2668

■ 38.3871, 0.2268,
0.2498

■ 33.3415, 0.2131,
0.2321

■ 28.9479, 0.2012,
0.2142

■ 25.1624, 0.1914,
0.1964

■ 21.9328, 0.1839,
0.1793

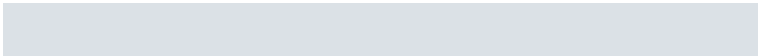
Harmonies

Analogous

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



74.6237, 0.3051, 0.3264



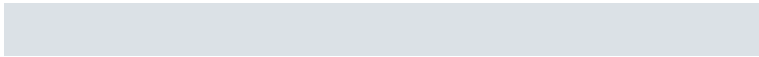
74.6237, 0.3054, 0.3236



74.6237, 0.3076, 0.3223

Triad

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



74.6237, 0.3054, 0.3236



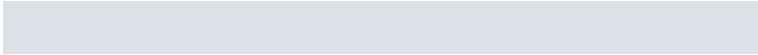
74.6237, 0.3186, 0.3280



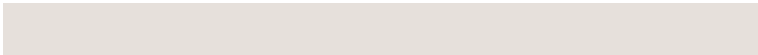
74.6237, 0.3142, 0.3354

Complementary

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



74.6237, 0.3054, 0.3236



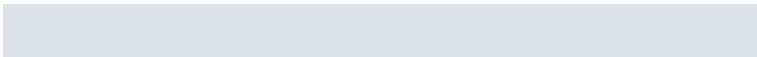
75.2649, 0.3202, 0.3343

Split Complementary

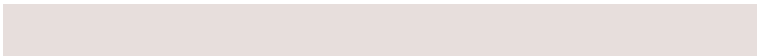
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.6237, 0.3178, 0.3358



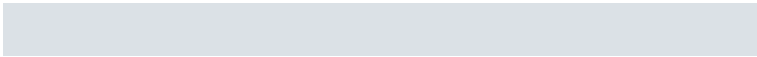
74.6237, 0.3054, 0.3236



74.6237, 0.3204, 0.3315

Square

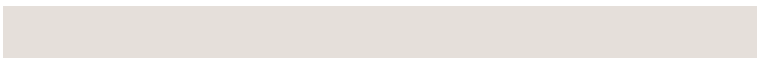
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.6237, 0.3054, 0.3236



74.6237, 0.3152, 0.3248



74.6237, 0.3201, 0.3344



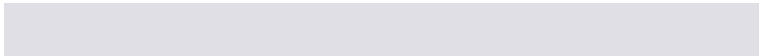
74.6237, 0.3102, 0.3333

Rectangle

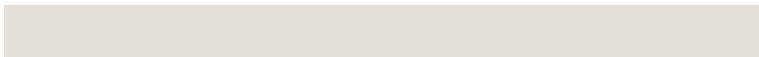
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.6237, 0.3054, 0.3236



74.6237, 0.3099, 0.3224



74.6237, 0.3201, 0.3344



74.6237, 0.3155, 0.3358

Sweetspot

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



74.6269, 0.3054, 0.3236



98.7803, 0.3112, 0.3279



77.0379, 0.3091, 0.3355



21.1559, 0.3113, 0.3279



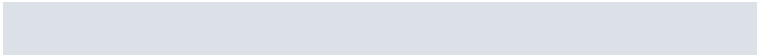
0.0000, 0.0000, 0.0000



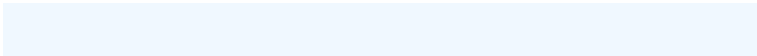
21.4041, 0.3127, 0.3290

Same Dimension

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



74.6269, 0.3054, 0.3236



92.8443, 0.3034, 0.3221



71.7401, 0.3055, 0.3177



15.7287, 0.3025, 0.3214



11.8115, 0.1815, 0.1732



1.0580, 0.1883, 0.1978

Inverse Universe

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



72.9354, 0.3166, 0.3227



90.1827, 0.3177, 0.3210



78.2281, 0.3198, 0.3400



15.2342, 0.3182, 0.3202



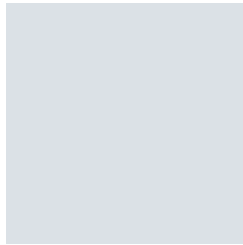
10.3901, 0.4767, 0.2400



0.7865, 0.4477, 0.2240

Previews

White Background



This preview shows how the Yxy color 74.6237, 0.3054, 0.3236 looks on a white background.

Color Contrast Check

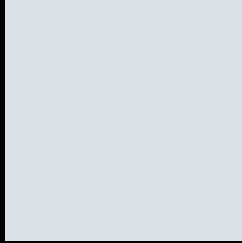
Large Text (above 18pt) WCAG AA × Fail

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 74.6237, 0.3054, 0.3236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

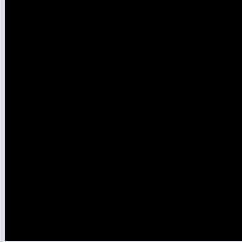
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

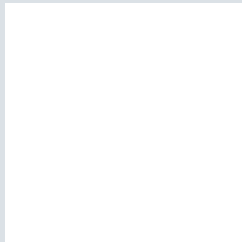
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.6237, 0.3054, 0.3236

Background



This preview shows how black text looks on a background with the Yxy color 74.6237, 0.3054, 0.3236.

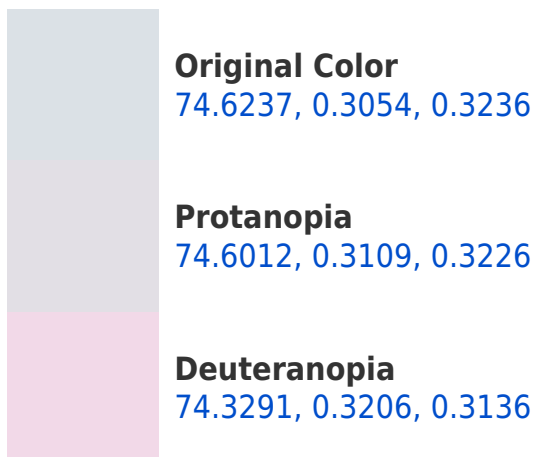


This preview shows how white text looks on a background with the Yxy color 74.6237, 0.3054, 0.3236.

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

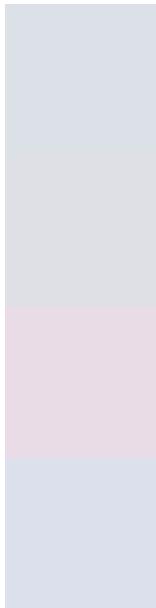




Tritanopia

74.4984, 0.2999, 0.3099

Trichromacy



Original Color

74.6237, 0.3054, 0.3236

Protanomaly

74.6564, 0.3088, 0.3236

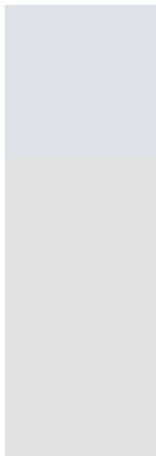
Deuteranomaly

74.4483, 0.3154, 0.3175

Tritanomaly

74.6414, 0.3017, 0.3151

Monochromacy



Original Color

74.6237, 0.3054, 0.3236

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.3319, 0.3100, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.6237, 0.3054, 0.3236 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(219, 225, 230)` looks like.

```
.text, #text, p{  
    color:rgb(219, 225, 230)  
}
```

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(219, 225, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 225, 230) }
```

Border

The CSS property to change the border of an element to Yxy 74.6237, 0.3054, 0.3236 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(219, 225, 230) }
```

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

```
.border{ border-color:rgb(219, 225, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 225, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 225, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 225, 230);  
box-shadow:4px 4px 4px 4px rgb(219, 225,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 74.6237, 0.3054, 0.3236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 225, 230) }
```

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

```
.background{ background-color: rgb(219,  
225, 230) }
```

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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