

Converting Colors

$Y_{xy}(72.0437, 0.3030, 0.3220)$

Have a look what the booklet for
Yxy(72.0437, 0.3030, 0.3220)
contains.

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Color

Yxy(72.1401, 0.3033, 0.3224)

Conversions

Conversions Part 1

Format	Color
Hex	D6DEE4
RGB	214, 222, 228
RGB Percent	84%, 87%, 89%
CMY	0.1606, 0.1294, 0.1058
CMYK	0.06, 0.03, 0.00, 0.11
HSL	206°, 21%, 87%
HSV	206°, 6%, 89%
XYZ	67.8663, 72.1401, 83.7532
YIQ	220.2920, -6.6940, 0.1700

Conversions

Conversions Part 2

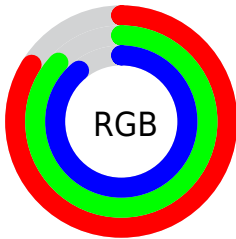
Format	Color
R _Y B	214, 219, 228
Decimal	14081764
CIE Lab	88.04, -1.53, -3.88
CIE LCh	88, 4.170, 248.431
Yxy	72.1401, 0.3033, 0.3224
Android (android.graphics.Color)	4292271844 (0xFFD6DEE4)
YUV	220.2920, 3.8000, -5.5181
Hunter-Lab	84.9353, -6.0091, 0.9899

Details

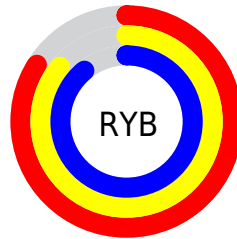
The Yxy color **72.1401, 0.3033, 0.3224** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.5714, 0.3225, 0.3355**, and the grayscale version is **71.7673, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.0255, 0.3005, 0.3204** is the 20% darker color. If you saturate the color by 10%, you get **63.8809, 0.2876, 0.3106**, and if you desaturate by 10%, it is **81.1897, 0.3186, 0.3329**.

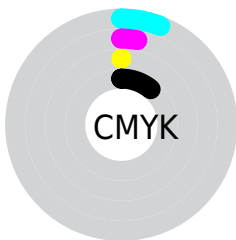
Distribution



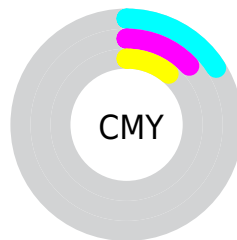
- Red (84%)
- Green (87%)
- Blue (89%)



- Red (84%)
- Yellow (86%)
- Blue (89%)



- Cyan (6%)
- Magenta (3%)
- Yellow (0%)
- Black (11%)



- Cyan (16%)
- Magenta (13%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.1401, 0.3033, 0.3224 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 72.1401, 0.3033, 0.3224 by changing the saturation by 10% instead.

■ 72.1401, 0.3033,
0.3224

■ 72.1401, 0.3033,
0.3224

468.0291, 0.3077,
0.3255

■ 53.2731, 0.3023,
0.3217

122.2557, 0.3048,
0.3235

■ 38.0209, 0.3011,
0.3208

154.2731, 0.3054,
0.3239

■ 25.9989, 0.2995,
0.3197

191.4428, 0.3059,
0.3242

■ 16.8228, 0.2975,
0.3182

234.1491, 0.3064,
0.3246

■ 10.1082, 0.2947,
0.3162

282.7766, 0.3067,
0.3248

■ 5.4708, 0.2906,
0.3133

337.7094, 0.3071,

■ 2.5260, 0.2842,

0.3251

0.3086

399.3321, 0.3074,
0.3253

0.8896, 0.2726,
0.3001

0.0000, 0.0000,
0.0000

72.1401, 0.3033,
0.3224

72.1401, 0.3033,
0.3224

63.8809, 0.2876,
0.3106

81.1897, 0.3186,
0.3329

56.3780, 0.2716,
0.2977

90.1527, 0.3300,
0.3424

49.6081, 0.2558,
0.2835

96.1473, 0.3289,
0.3518

43.5427, 0.2404,
0.2683

98.3821, 0.3286,
0.3552

■ 38.1514, 0.2259,
0.2522

■ 33.4009, 0.2128,
0.2355

■ 29.2541, 0.2015,
0.2185

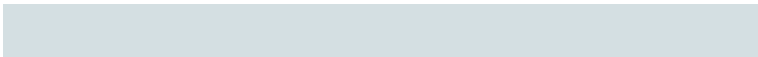
■ 25.6683, 0.1924,
0.2018

■ 22.5920, 0.1855,
0.1856

Harmonies

Analogous

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



72.1401, 0.3032, 0.3261



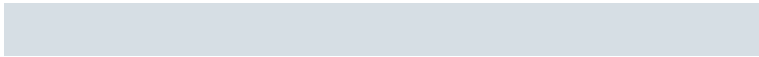
72.1401, 0.3033, 0.3224



72.1401, 0.3059, 0.3205

Triad

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



72.1401, 0.3033, 0.3224



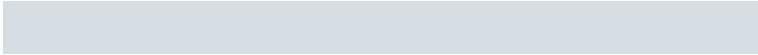
72.1401, 0.3198, 0.3274



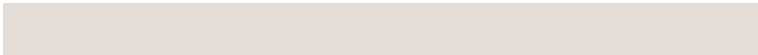
72.1401, 0.3151, 0.3373

Complementary

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



72.1401, 0.3033, 0.3224



72.5714, 0.3225, 0.3355

Split Complementary

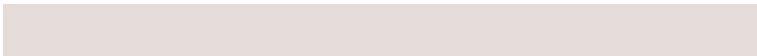
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.1401, 0.3196, 0.3376



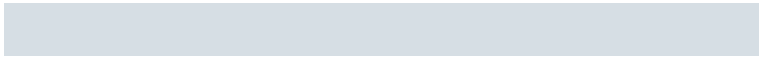
72.1401, 0.3033, 0.3224



72.1401, 0.3223, 0.3318

Square

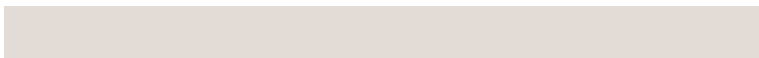
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.1401, 0.3033, 0.3224



72.1401, 0.3154, 0.3234



72.1401, 0.3222, 0.3356



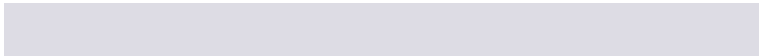
72.1401, 0.3100, 0.3348

Rectangle

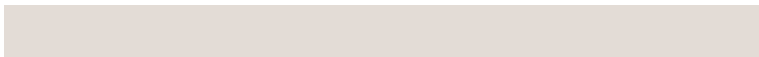
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.1401, 0.3033, 0.3224



72.1401, 0.3087, 0.3205



72.1401, 0.3222, 0.3356



72.1401, 0.3167, 0.3377

Sweetspot

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



72.1432, 0.3033, 0.3224



97.6515, 0.3096, 0.3269



74.9555, 0.3083, 0.3379



20.9261, 0.3098, 0.3270



0.0000, 0.0000, 0.0000



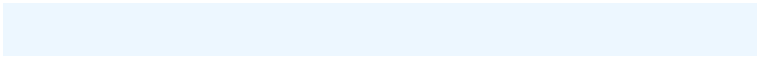
21.4041, 0.3127, 0.3290

Same Dimension

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



72.1432, 0.3033, 0.3224



91.9611, 0.3019, 0.3214



68.6107, 0.3034, 0.3149



15.5941, 0.3011, 0.3208



12.6570, 0.1839, 0.1818



1.1190, 0.1904, 0.2053

Inverse Universe

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



69.8840, 0.3175, 0.3205



88.6498, 0.3183, 0.3192



76.2075, 0.3219, 0.3427



14.9907, 0.3187, 0.3184



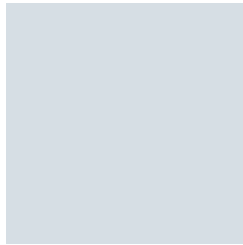
10.4754, 0.4663, 0.2343



0.7926, 0.4393, 0.2194

Previews

White Background



This preview shows how the Yxy color 72.1401, 0.3033, 0.3224 looks on a white background.

Color Contrast Check

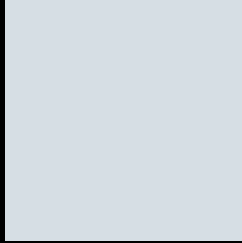
Large Text (above 18pt) WCAG AA × Fail

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 72.1401, 0.3033, 0.3224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

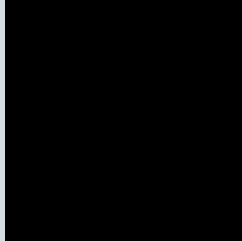
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

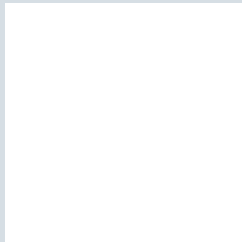
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.1401, 0.3033, 0.3224

Background



This preview shows how black text looks on a background with the Yxy color 72.1401, 0.3033, 0.3224.

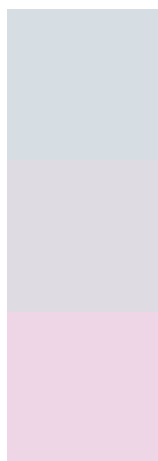


This preview shows how white text looks on a background with the Yxy color 72.1401, 0.3033, 0.3224.

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

72.1401, 0.3033, 0.3224

Protanopia

71.8971, 0.3103, 0.3204

Deuteranopia

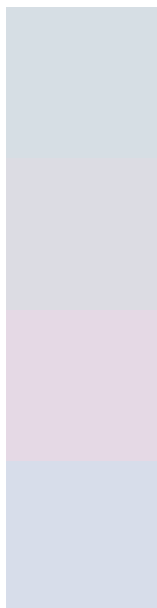
71.9834, 0.3193, 0.3124



Tritanopia

71.9584, 0.2984, 0.3096

Trichromacy



Original Color

72.1401, 0.3033, 0.3224

Protanomaly

71.9481, 0.3081, 0.3214

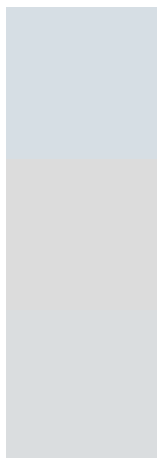
Deuteranomaly

71.9409, 0.3133, 0.3163

Tritanomaly

72.1005, 0.3002, 0.3149

Monochromacy



Original Color

72.1401, 0.3033, 0.3224

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.9460, 0.3093, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.1401, 0.3033, 0.3224 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(214, 222, 228) looks like.

```
.text, #text, p{  
    color:rgb(214, 222, 228)  
}
```

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(214, 222, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 222, 228) }
```

Border

The CSS property to change the border of an element to Yxy 72.1401, 0.3033, 0.3224 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(214, 222, 228) }
```

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

```
.border{ border-color:rgb(214, 222, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 222, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 222, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 222, 228);  
box-shadow:4px 4px 4px 4px rgb(214, 222,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 72.1401, 0.3033, 0.3224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 222, 228) }
```

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

```
.background{ background-color: rgb(214,  
222, 228) }
```

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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