

Converting Colors

$Yxy(75.6524, 0.3097, 0.3321)$

Have a look what the booklet for
Yxy(75.6524, 0.3097, 0.3321)
contains.

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Color

Yxy(75.5356, 0.3098, 0.3322)

Conversions

Conversions Part 1

Format	Color
Hex	DCE3E0
RGB	220, 227, 224
RGB Percent	86%, 89%, 88%
CMY	0.1372, 0.1098, 0.1215
CMYK	0.03, 0.00, 0.01, 0.11
HSL	154°, 11%, 88%
HSV	154°, 3%, 89%
XYZ	70.4423, 75.5356, 81.4020
YIQ	224.5650, -3.2090, -2.4170

Conversions

Conversions Part 2

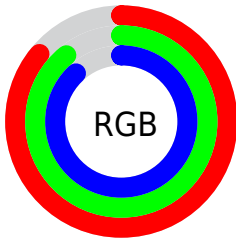
Format	Color
R _Y B	220, 224, 227
Decimal	14476256
CIE Lab	89.64, -2.88, 0.62
CIE LCh	90, 2.944, 167.746
Yxy	75.5356, 0.3098, 0.3322
Android (android.graphics.Color)	4292666336 (0xFFDCE3E0)
YUV	224.5650, -0.2785, -4.0035
Hunter-Lab	86.9112, -7.4188, 5.3062

Details

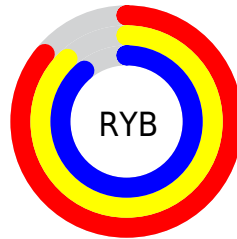
The Yxy color $75.5356, 0.3098, 0.3322$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $72.8486, 0.3157, 0.3258$, and the grayscale version is $74.9737, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $40.3690, 0.3090, 0.3332$ is the 20% darker color. If you saturate the color by 10%, you get $71.7237, 0.3005, 0.3434$, and if you desaturate by 10%, it is $79.8647, 0.3193, 0.3222$.

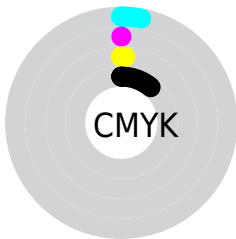
Distribution



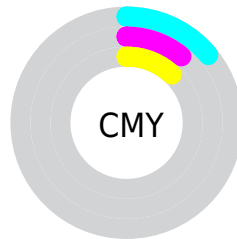
- Red (86%)
- Green (89%)
- Blue (88%)



- Red (86%)
- Yellow (88%)
- Blue (89%)



- Cyan (3%)
- Magenta (0%)
- Yellow (1%)
- Black (11%)



- Cyan (14%)
- Magenta (11%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.5356, 0.3098, 0.3322 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 75.5356, 0.3098, 0.3322 by changing the saturation by 10% instead.

■ 75.5356, 0.3098,
0.3322

■ 75.5356, 0.3098,
0.3322

479.7565, 0.3111,
0.3307

■ 56.0518, 0.3095,
0.3325

127.0702, 0.3103,
0.3317

■ 40.2444, 0.3091,
0.3329

159.8899, 0.3104,
0.3315

■ 27.7292, 0.3086,
0.3335

197.9235, 0.3106,
0.3313

■ 18.1216, 0.3080,
0.3341

241.5556, 0.3107,
0.3312

■ 11.0373, 0.3072,
0.3351

291.1706, 0.3109,
0.3310

■ 6.0920, 0.3059,
0.3364

347.1528, 0.3110,

■ 2.9011, 0.3040,

0.3309

0.3385

409.8866, 0.3111,
0.3308

1.0803, 0.3006,
0.3423

0.0000, 0.0000,
0.0000

75.5356, 0.3098,
0.3322

75.5356, 0.3098,
0.3322

71.7237, 0.3005,
0.3434

79.8647, 0.3193,
0.3222

68.3997, 0.2915,
0.3558

82.6924, 0.3215,
0.3130

65.5456, 0.2832,
0.3694

83.2936, 0.3152,
0.3037

63.1390, 0.2759,
0.3841

83.4190, 0.3140,
0.3019

■ 61.1552, 0.2699,
0.3998

■ 59.5674, 0.2654,
0.4162

■ 58.3452, 0.2629,
0.4330

■ 57.4539, 0.2624,
0.4497

■ 56.8516, 0.2639,
0.4661

Harmonies

Analogous

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



75.5356, 0.3133, 0.3344



75.5356, 0.3098, 0.3322



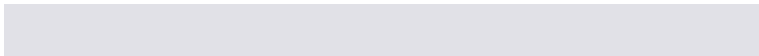
75.5356, 0.3071, 0.3292

Triad

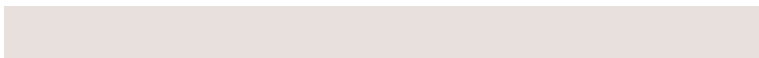
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.5356, 0.3098, 0.3322



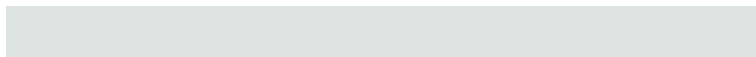
75.5356, 0.3088, 0.3230



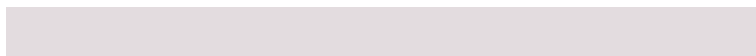
75.5356, 0.3196, 0.3319

Complementary

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



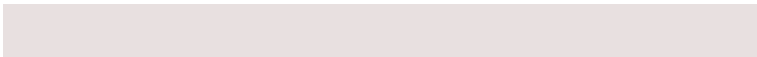
75.5356, 0.3098, 0.3322



72.8486, 0.3157, 0.3258

Split Complementary

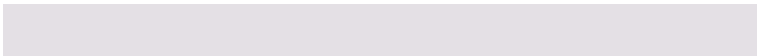
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.5356, 0.3184, 0.3288



75.5356, 0.3098, 0.3322



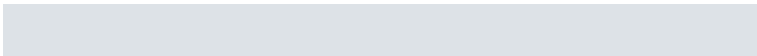
75.5356, 0.3121, 0.3237

Square

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



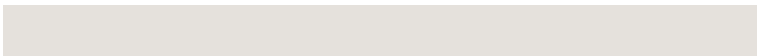
75.5356, 0.3098, 0.3322



75.5356, 0.3065, 0.3239



75.5356, 0.3156, 0.3259



75.5356, 0.3189, 0.3342

Rectangle

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



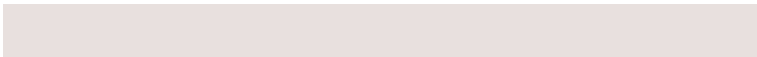
75.5356, 0.3098, 0.3322



75.5356, 0.3061, 0.3271



75.5356, 0.3156, 0.3259



75.5356, 0.3194, 0.3309

Sweetspot

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



75.5388, 0.3098, 0.3322



99.4498, 0.3118, 0.3300



75.8008, 0.3145, 0.3365



21.2921, 0.3118, 0.3300



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.



75.5388, 0.3098, 0.3322



97.8397, 0.3089, 0.3332



75.4473, 0.3079, 0.3285



16.6332, 0.3082, 0.3340



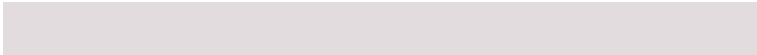
33.0080, 0.2652, 0.4747



2.4577, 0.2587, 0.4512

Inverse Universe

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



72.8486, 0.3157, 0.3258



93.2926, 0.3167, 0.3248



72.9344, 0.3177, 0.3295



15.7257, 0.3174, 0.3241



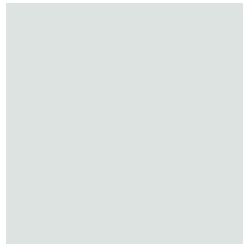
10.0470, 0.5265, 0.2674



0.7607, 0.4893, 0.2469

Previews

White Background



This preview shows how the Yxy color 75.5356, 0.3098, 0.3322 looks on a white background.

Color Contrast Check

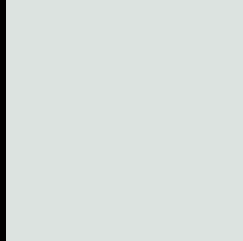
Large Text (above 18pt) WCAG AA × Fail

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 75.5356, 0.3098, 0.3322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

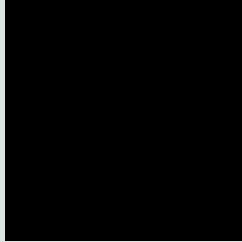
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

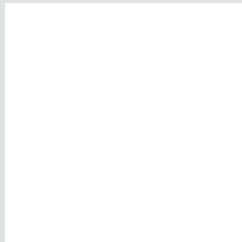
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.5356, 0.3098, 0.3322

Background



This preview shows how black text looks on a background with the Yxy color 75.5356, 0.3098, 0.3322.

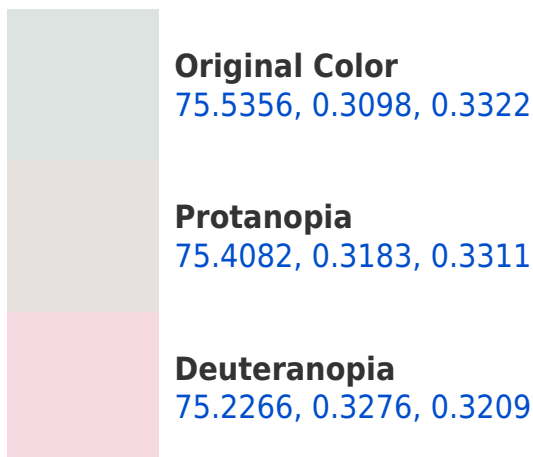


This preview shows how white text looks on a background with the Yxy color 75.5356, 0.3098, 0.3322.

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

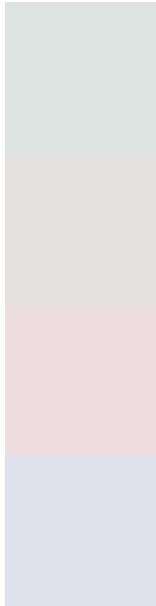




Tritanopia

75.4101, 0.3006, 0.3100

Trichromacy



Original Color

75.5356, 0.3098, 0.3322

Protanomaly

75.3469, 0.3147, 0.3311

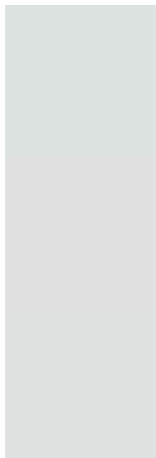
Deuteranomaly

75.1537, 0.3215, 0.3249

Tritanomaly

75.3782, 0.3043, 0.3184

Monochromacy



Original Color

75.5356, 0.3098, 0.3322

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.5169, 0.3113, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.5356, 0.3098, 0.3322 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(220, 227, 224)` looks like.

```
.text, #text, p{  
    color:rgb(220, 227, 224)  
}
```

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(220, 227, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 227, 224) }
```

Border

The CSS property to change the border of an element to Yxy 75.5356, 0.3098, 0.3322 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(220, 227, 224) }
```

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

```
.border{ border-color:rgb(220, 227, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 227, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 227, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 227, 224); box-shadow:4px 4px 4px 4px rgb(220, 227, 224) }
```


Background

The CSS property to change the background color of an element to Yxy 75.5356, 0.3098, 0.3322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 227, 224) }
```

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

```
.background{ background-color: rgb(220,  
227, 224) }
```

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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