

Converting Colors

$Y_{xy}(75.3041, 0.3112, 0.3311)$

Have a look what the booklet for
Yxy(75.3041, 0.3112, 0.3311)
contains.

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Color

Yxy(75.3041, 0.3112, 0.3311)

Conversions

Conversions Part 1

Format	Color
Hex	DEE2E0
RGB	222, 226, 224
RGB Percent	87%, 89%, 88%
CMY	0.1294, 0.1137, 0.1214
CMYK	0.02, 0.00, 0.01, 0.11
HSL	151°, 6%, 88%
HSV	151°, 2%, 89%
XYZ	70.7781, 75.3041, 81.3539
YIQ	224.5760, -1.7420, -1.4700

Conversions

Conversions Part 2

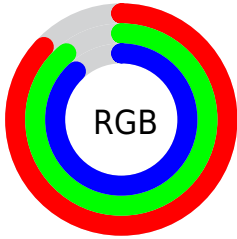
Format	Color
R _Y B	222, 225, 226
Decimal	14607072
CIE Lab	89.54, -1.69, 0.47
CIE LCh	90, 1.758, 164.351
Yxy	75.3041, 0.3112, 0.3311
Android (android.graphics.Color)	4292797152 (0xFFDEE2E0)
YUV	224.5760, -0.2840, -2.2592
Hunter-Lab	86.7779, -6.2726, 5.1605

Details

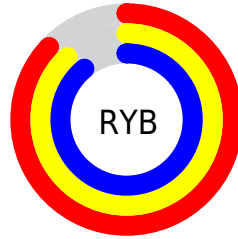
The Yxy color **75.3041, 0.3112, 0.3311** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.7892, 0.3143, 0.3269**, and the grayscale version is **74.9809, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.2059, 0.3108, 0.3318** is the 20% darker color. If you saturate the color by 10%, you get **71.3935, 0.3027, 0.3438**, and if you desaturate by 10%, it is **79.7385, 0.3198, 0.3198**.

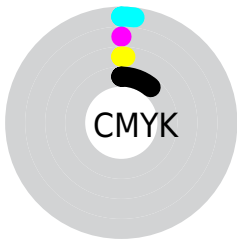
Distribution



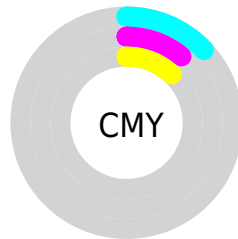
- Red (87%)
- Green (89%)
- Blue (88%)



- Red (87%)
- Yellow (88%)
- Blue (89%)



- Cyan (2%)
- Magenta (0%)
- Yellow (1%)
- Black (11%)



- Cyan (13%)
- Magenta (11%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.3041, 0.3112, 0.3311 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 75.3041, 0.3112, 0.3311 by changing the saturation by 10% instead.

■ 75.3041, 0.3112,
0.3311

■ 75.3041, 0.3112,
0.3311

478.9621, 0.3119,
0.3301

■ 55.8621, 0.3110,
0.3313

126.7427, 0.3114,
0.3308

■ 40.0923, 0.3108,
0.3316

159.5081, 0.3115,
0.3306

■ 27.6105, 0.3106,
0.3319

197.4834, 0.3116,
0.3305

■ 18.0323, 0.3103,
0.3324

241.0530, 0.3117,
0.3304

■ 10.9732, 0.3098,
0.3330

290.6012, 0.3118,
0.3303

■ 6.0488, 0.3092,
0.3339

346.5126, 0.3118,

■ 2.8748, 0.3082,

0.3303

409.1714, 0.3119,
0.3302

0.3352

1.0667, 0.3064,
0.3377

0.0000, 0.0000,
0.0000

75.3041, 0.3112,
0.3311

75.3041, 0.3112,
0.3311

71.3935, 0.3027,
0.3438

79.7385, 0.3198,
0.3198

67.9775, 0.2945,
0.3580

82.3186, 0.3197,
0.3093

65.0384, 0.2869,
0.3735

82.8743, 0.3140,
0.3009

62.5537, 0.2801,
0.3905

■ 60.4991, 0.2745,
0.4086

■ 58.8482, 0.2703,
0.4275

■ 57.5711, 0.2680,
0.4469

■ 56.6338, 0.2677,
0.4661

■ 55.9956, 0.2695,
0.4848

Harmonies

Analogous

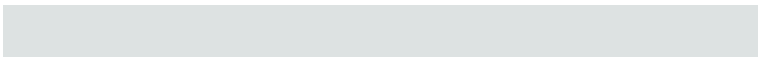
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.3041, 0.3133, 0.3323



75.3041, 0.3112, 0.3311



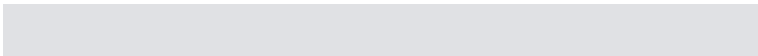
75.3041, 0.3095, 0.3293

Triad

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



75.3041, 0.3112, 0.3311



75.3041, 0.3102, 0.3254



75.3041, 0.3168, 0.3305

Complementary

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



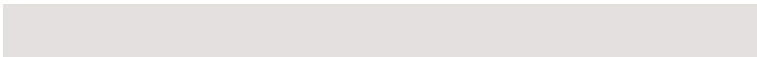
75.3041, 0.3112, 0.3311



73.7892, 0.3143, 0.3269

Split Complementary

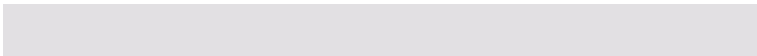
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.3041, 0.3159, 0.3287



75.3041, 0.3112, 0.3311



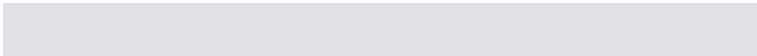
75.3041, 0.3121, 0.3258

Square

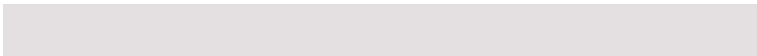
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.3041, 0.3112, 0.3311



75.3041, 0.3089, 0.3261



75.3041, 0.3142, 0.3270



75.3041, 0.3165, 0.3320

Rectangle

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



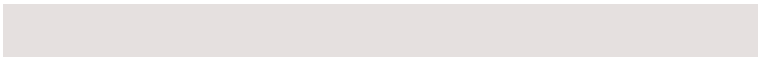
75.3041, 0.3112, 0.3311



75.3041, 0.3088, 0.3281



75.3041, 0.3142, 0.3270



75.3041, 0.3166, 0.3300

Sweetspot

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



75.3073, 0.3112, 0.3311



99.4394, 0.3119, 0.3302



75.5152, 0.3139, 0.3333



21.2900, 0.3119, 0.3301



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.



75.3073, 0.3112, 0.3311



98.8857, 0.3110, 0.3314



75.4144, 0.3099, 0.3290



16.0946, 0.3111, 0.3312



31.7660, 0.2713, 0.4966



2.2199, 0.2636, 0.4688

Inverse Universe

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



73.7892, 0.3143, 0.3269



96.6225, 0.3145, 0.3266



73.6833, 0.3156, 0.3290



15.7491, 0.3144, 0.3268



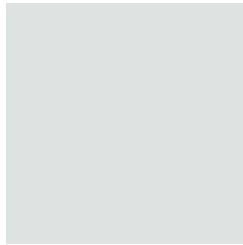
9.8985, 0.4996, 0.2526



0.7042, 0.4647, 0.2334

Previews

White Background



This preview shows how the Yxy color 75.3041, 0.3112, 0.3311 looks on a white background.

Color Contrast Check

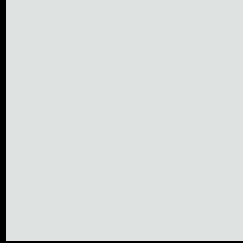
Large Text (above 18pt) WCAG AA × Fail

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 75.3041, 0.3112, 0.3311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

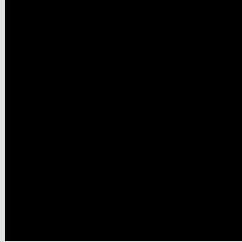
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

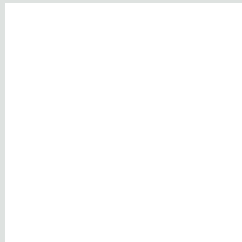
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.3041, 0.3112, 0.3311

Background



This preview shows how black text looks on a background with the Yxy color 75.3041, 0.3112, 0.3311.

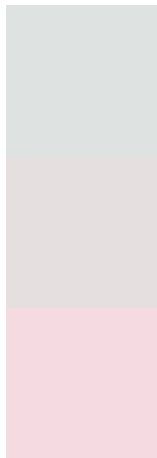


This preview shows how white text looks on a background with the Yxy color 75.3041, 0.3112, 0.3311.

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

75.3041, 0.3112, 0.3311

Protanopia

75.2970, 0.3169, 0.3301

Deuteranopia

75.2266, 0.3276, 0.3209



Tritanopia

75.1338, 0.3026, 0.3101

Trichromacy



Original Color

75.3041, 0.3112, 0.3311

Protanomaly

75.3469, 0.3147, 0.3311

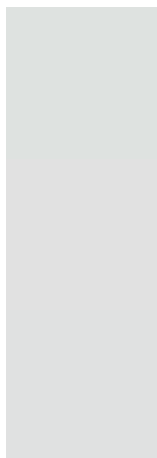
Deuteranomaly

75.1537, 0.3215, 0.3249

Tritanomaly

75.1568, 0.3057, 0.3173

Monochromacy



Original Color

75.3041, 0.3112, 0.3311

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.1340, 0.3120, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.3041, 0.3112, 0.3311 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(222, 226, 224)` looks like.

```
.text, #text, p{  
    color:rgb(222, 226, 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(222, 226, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 226, 224) }
```

Border

The CSS property to change the border of an element to Yxy 75.3041, 0.3112, 0.3311 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(222, 226, 224) }
```

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

```
.border{ border-color:rgb(222, 226, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 226, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 226, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 226, 224);  
box-shadow:4px 4px 4px 4px rgb(222, 226,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 75.3041, 0.3112, 0.3311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 226, 224) }
```

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

```
.background{ background-color: rgb(222,  
226, 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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