

Converting Colors

$Y_{xy}(75.9587, 0.3103, 0.3330)$

Have a look what the booklet for
Yxy(75.9587, 0.3103, 0.3330)
contains.

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Color

Yxy(76.2408, 0.3105, 0.3333)

Conversions

Conversions Part 1

Format	Color
Hex	DDE4E0
RGB	221, 228, 224
RGB Percent	87%, 89%, 88%
CMY	0.1331, 0.1059, 0.1216
CMYK	0.03, 0.00, 0.02, 0.11
HSL	145°, 11%, 88%
HSV	145°, 3%, 89%
XYZ	71.0254, 76.2408, 81.4791
YIQ	225.4510, -2.8880, -2.7280

Conversions

Conversions Part 2

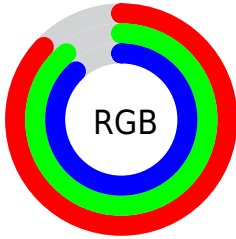
Format	Color
R_{YB}	221, 226, 228
Decimal	14542048
CIE _{Lab}	89.97, -3.04, 1.13
CIE _{LCh}	90, 3.248, 159.592
Yxy	76.2408, 0.3105, 0.3333
Android (android.graphics.Color)	4292732128 (0xFFDDE4E0)
YUV	225.4510, -0.7153, -3.9035
Hunter-Lab	87.3160, -7.6058, 5.7946

Details

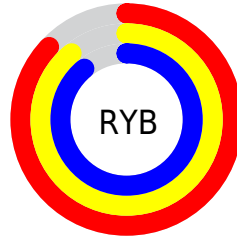
The Yxy color **76.2408, 0.3105, 0.3333** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.6717, 0.3150, 0.3247**, and the grayscale version is **75.6493, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.8587, 0.3098, 0.3346** is the 20% darker color. If you saturate the color by 10%, you get **72.2166, 0.3033, 0.3486**, and if you desaturate by 10%, it is **80.8129, 0.3178, 0.3198**.

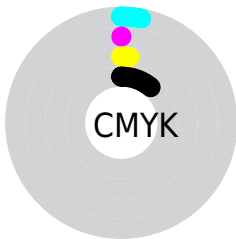
Distribution



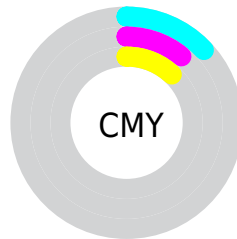
- Red (87%)
- Green (89%)
- Blue (88%)



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



- Cyan (3%)
- Magenta (0%)
- Yellow (2%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.2408, 0.3105, 0.3333 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 76.2408, 0.3105, 0.3333 by changing the saturation by 10% instead.

■ 76.2408, 0.3105,
0.3333

■ 76.2408, 0.3105,
0.3333

482.1716, 0.3115,
0.3313

■ 56.6300, 0.3103,
0.3337

128.0672, 0.3109,
0.3326

■ 40.7082, 0.3100,
0.3343

161.0516, 0.3110,
0.3324

■ 28.0912, 0.3096,
0.3350

199.2627, 0.3111,
0.3321

■ 18.3944, 0.3091,
0.3359

243.0848, 0.3112,
0.3319

■ 11.2335, 0.3085,
0.3372

292.9024, 0.3113,
0.3317

■ 6.2241, 0.3076,
0.3390

349.0997, 0.3114,

■ 2.9818, 0.3061,

0.3316

0.3418

412.0614, 0.3115,
0.3315

■ 1.1223, 0.3035,
0.3468

■ 0.0000, 0.0000,
0.0000

■ 76.2408, 0.3105,
0.3333

■ 76.2408, 0.3105,
0.3333

■ 72.2166, 0.3033,
0.3486

■ 80.8129, 0.3178,
0.3198

■ 68.7099, 0.2963,
0.3656

■ 83.6661, 0.3169,
0.3073

■ 65.7018, 0.2897,
0.3845

■ 83.9633, 0.3139,
0.3029

■ 63.1687, 0.2840,
0.4049

■ 61.0849, 0.2794,
0.4267

■ 59.4223, 0.2762,
0.4493

■ 58.1494, 0.2747,
0.4721

■ 57.2301, 0.2752,
0.4942

■ 56.6208, 0.2776,
0.5150

Harmonies

Analogous

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



76.2408, 0.3144, 0.3353



76.2408, 0.3105, 0.3333



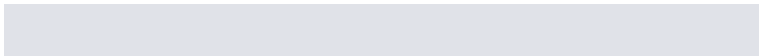
76.2408, 0.3072, 0.3301

Triad

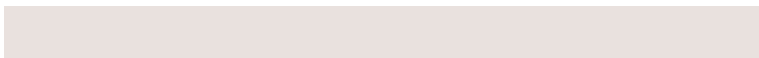
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.2408, 0.3105, 0.3333



76.2408, 0.3076, 0.3225



76.2408, 0.3201, 0.3313

Complementary

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



76.2408, 0.3105, 0.3333



73.6717, 0.3150, 0.3247

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.



76.2408, 0.3183, 0.3279



76.2408, 0.3105, 0.3333



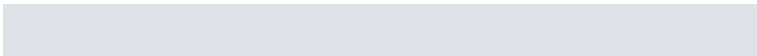
76.2408, 0.3110, 0.3228

Square

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



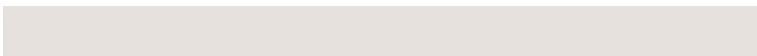
76.2408, 0.3105, 0.3333



76.2408, 0.3056, 0.3239



76.2408, 0.3149, 0.3248



76.2408, 0.3199, 0.3341

Rectangle

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



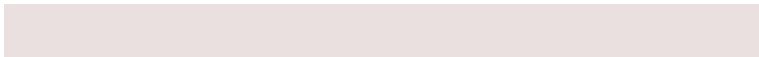
76.2408, 0.3105, 0.3333



76.2408, 0.3058, 0.3278



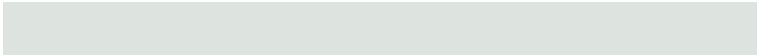
76.2408, 0.3149, 0.3248



76.2408, 0.3197, 0.3302

Sweetspot

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



76.2441, 0.3105, 0.3333



99.4250, 0.3120, 0.3304



76.7301, 0.3152, 0.3364



21.2871, 0.3120, 0.3303



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

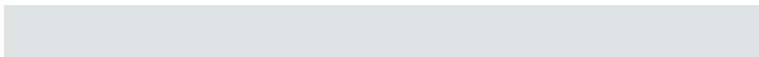
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.2441, 0.3105, 0.3333



97.7427, 0.3098, 0.3347



76.4323, 0.3083, 0.3296



16.6138, 0.3093, 0.3358



32.5531, 0.2793, 0.5255



2.4238, 0.2713, 0.4965

Inverse Universe

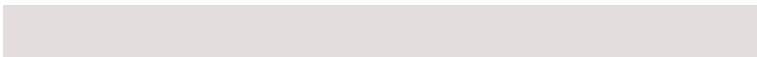
The Inverse Universe completely reimagines the original color for something new.



73.6717, 0.3150, 0.3247



93.3896, 0.3158, 0.3233



73.4860, 0.3173, 0.3284



15.7450, 0.3163, 0.3223



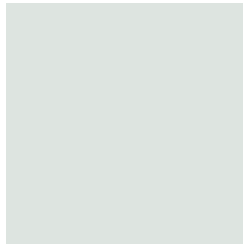
10.5063, 0.4628, 0.2323



0.7949, 0.4364, 0.2178

Previews

White Background



This preview shows how the Yxy color 76.2408, 0.3105, 0.3333 looks on a white background.

Color Contrast Check

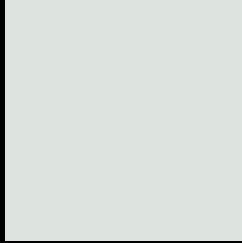
Large Text (above 18pt) WCAG AA × Fail

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 76.2408, 0.3105, 0.3333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

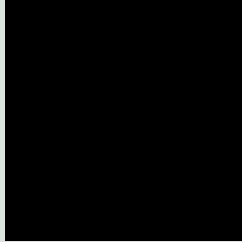
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

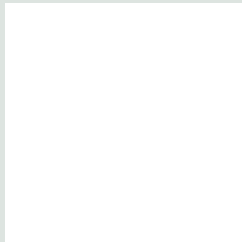
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.2408, 0.3105, 0.3333

Background



This preview shows how black text looks on a background with the Yxy color 76.2408, 0.3105, 0.3333.

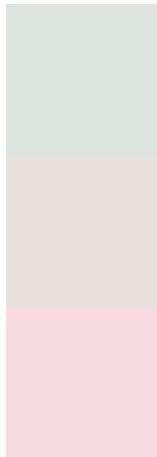


This preview shows how white text looks on a background with the Yxy color 76.2408, 0.3105, 0.3333.

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

76.2408, 0.3105, 0.3333

Protanopia

76.1133, 0.3189, 0.3322

Deuteranopia

76.1105, 0.3289, 0.3219



Tritanopia

76.1688, 0.3006, 0.3101

Trichromacy



Original Color

76.2408, 0.3105, 0.3333

Protanomaly

76.0513, 0.3154, 0.3322

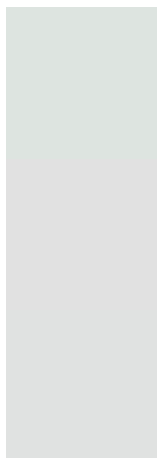
Deuteranomaly

75.8559, 0.3221, 0.3259

Tritanomaly

76.1368, 0.3043, 0.3184

Monochromacy



Original Color

76.2408, 0.3105, 0.3333

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.6762, 0.3120, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.2408, 0.3105, 0.3333 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(221, 228, 224)` looks like.

```
.text, #text, p{  
    color:rgb(221, 228, 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(221, 228, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 228, 224) }
```

Border

The CSS property to change the border of an element to Yxy 76.2408, 0.3105, 0.3333 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(221, 228, 224) }
```

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

```
.border{ border-color:rgb(221, 228, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 228, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 228, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 228, 224);  
box-shadow:4px 4px 4px 4px rgb(221, 228,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 76.2408, 0.3105, 0.3333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 228, 224) }
```

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

```
.background{ background-color: rgb(221,  
228, 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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