

Converting Colors

$Yxy(76.3033, 0.3141, 0.3264)$

Have a look what the booklet for
Yxy(76.3033, 0.3141, 0.3264)
contains.

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Color

Yxy(76.2749, 0.3143, 0.3258)

Conversions

Conversions Part 1

Format	Color
Hex	E6E1E4
RGB	230, 225, 228
RGB Percent	90%, 88%, 89%
CMY	0.0977, 0.1177, 0.1058
CMYK	0.00, 0.02, 0.01, 0.10
HSL	324°, 9%, 89%
HSV	324°, 2%, 90%
XYZ	73.5826, 76.2749, 84.2582
YIQ	226.8370, 2.0170, 1.9930

Conversions

Conversions Part 2

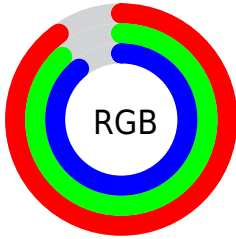
Format	Color
R_{YB}	230, 225, 228
Decimal	15131108
CIE Lab	89.99, 2.27, -0.88
CIE LCh	90, 2.434, 338.766
Yxy	76.2749, 0.3143, 0.3258
Android (android.graphics.Color)	4293321188 (0xFFE6E1E4)
YUV	226.8370, 0.5734, 2.7740
Hunter-Lab	87.3355, -2.4460, 3.9339

Details

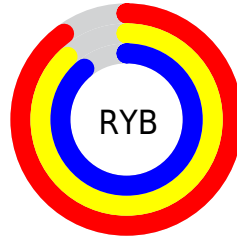
The Yxy color **76.2749, 0.3143, 0.3258** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78.1896, 0.3112, 0.3322**, and the grayscale version is **76.6959, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.8805, 0.3147, 0.3249** is the 20% darker color. If you saturate the color by 10%, you get **64.1649, 0.3223, 0.3109**, and if you desaturate by 10%, it is **90.0952, 0.3076, 0.3399**.

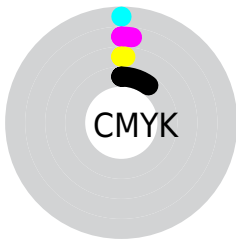
Distribution



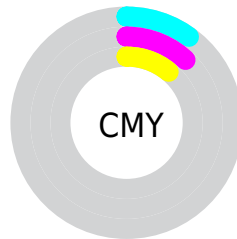
- Red (90%)
- Green (88%)
- Blue (89%)



- Red (90%)
- Yellow (88%)
- Blue (89%)



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (10%)



- Cyan (10%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.2749, 0.3143, 0.3258 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 76.2749, 0.3143, 0.3258 by changing the saturation by 10% instead.

■ 76.2749, 0.3143,
0.3258

■ 76.2749, 0.3143,
0.3258

482.2882, 0.3136,
0.3273

■ 56.6580, 0.3145,
0.3255

128.1154, 0.3141,
0.3263

■ 40.7307, 0.3147,
0.3251

161.1078, 0.3140,
0.3265

■ 28.1087, 0.3149,
0.3245

199.3274, 0.3139,
0.3267

■ 18.4076, 0.3152,
0.3239

243.1587, 0.3138,
0.3268

■ 11.2430, 0.3157,
0.3229

292.9860, 0.3137,
0.3270

■ 6.2305, 0.3163,
0.3216

349.1938, 0.3137,

■ 2.9858, 0.3173,

0.3271

412.1664, 0.3136,
0.3272

0.3196

■ 1.1243, 0.3191,
0.3161

■ 0.0000, 0.4735,
0.0000

■ 76.2749, 0.3143,
0.3258

■ 76.2749, 0.3143,
0.3258

■ 64.1649, 0.3223,
0.3109

■ 90.0952, 0.3076,
0.3399

■ 53.6884, 0.3318,
0.2953

■ 95.0453, 0.3022,
0.3374

■ 44.7772, 0.3431,
0.2794

■ 95.5760, 0.2976,
0.3290

■ 37.3546, 0.3562,
0.2638

■ 31.3373, 0.3712,
0.2495

■ 26.6337, 0.3880,
0.2373

■ 23.1414, 0.4060,
0.2286

■ 20.7425, 0.4248,
0.2244

■ 19.2952, 0.4435,
0.2255

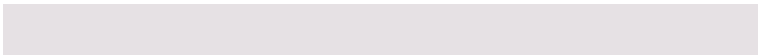
Harmonies

Analogous

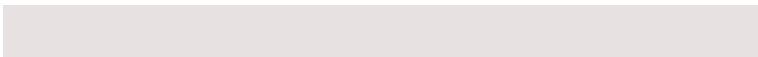
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.2749, 0.3114, 0.3243



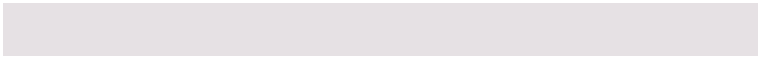
76.2749, 0.3143, 0.3258



76.2749, 0.3168, 0.3281

Triad

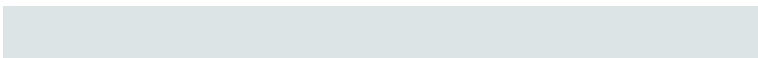
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.2749, 0.3143, 0.3258



76.2749, 0.3166, 0.3339



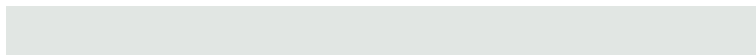
76.2749, 0.3073, 0.3273

Complementary

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



76.2749, 0.3143, 0.3258



78.1896, 0.3112, 0.3322

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.



76.2749, 0.3087, 0.3299



76.2749, 0.3143, 0.3258



76.2749, 0.3141, 0.3338

Square

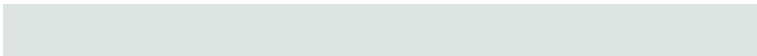
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



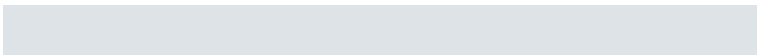
76.2749, 0.3143, 0.3258



76.2749, 0.3182, 0.3328



76.2749, 0.3111, 0.3323



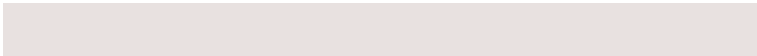
76.2749, 0.3073, 0.3252

Rectangle

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



76.2749, 0.3143, 0.3258



76.2749, 0.3179, 0.3298



76.2749, 0.3111, 0.3323



76.2749, 0.3076, 0.3282

Sweetspot

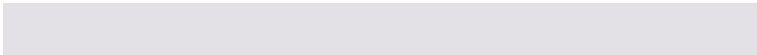
The Sweet Spot groups the original color and five complimentary colors.



76.2782, 0.3143, 0.3258



98.3177, 0.3134, 0.3276



75.8912, 0.3108, 0.3236



21.0618, 0.3134, 0.3276



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

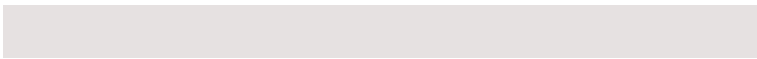
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.2782, 0.3143, 0.3258



95.0187, 0.3149, 0.3246



76.1385, 0.3159, 0.3285



16.0043, 0.3155, 0.3235



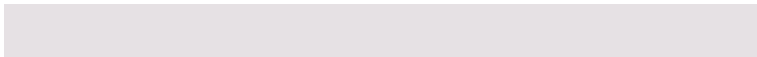
10.5757, 0.4550, 0.2280



0.7998, 0.4301, 0.2143

Inverse Universe

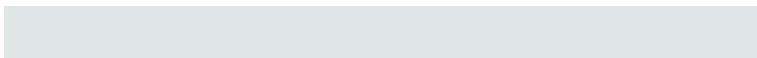
The Inverse Universe completely reimagines the original color for something new.



76.2782, 0.3143, 0.3258



95.0187, 0.3149, 0.3246



78.3305, 0.3096, 0.3295



16.0043, 0.3155, 0.3235



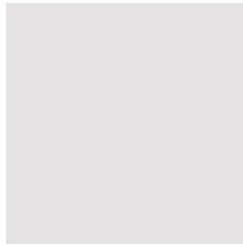
10.5757, 0.4550, 0.2280



0.7998, 0.4301, 0.2143

Previews

White Background



This preview shows how the Yxy color 76.2749, 0.3143, 0.3258 looks on a white background.

Color Contrast Check

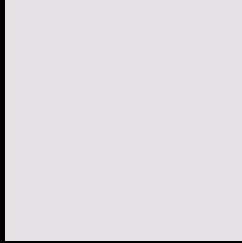
Large Text (above 18pt) WCAG AA × Fail

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 76.2749, 0.3143, 0.3258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

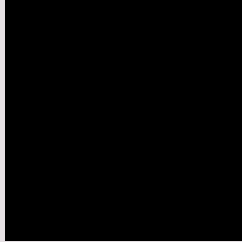
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

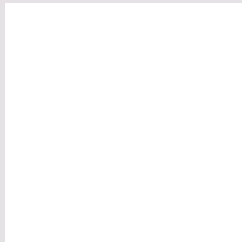
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.2749, 0.3143, 0.3258

Background



This preview shows how black text looks on a background with the Yxy color 76.2749, 0.3143, 0.3258.

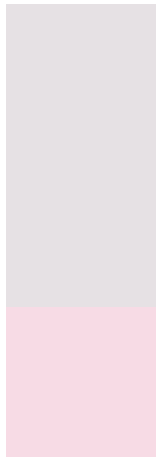


This preview shows how white text looks on a background with the Yxy color 76.2749, 0.3143, 0.3258.

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

76.2749, 0.3143, 0.3258

Protanopia

76.2749, 0.3143, 0.3258

Deuteranopia

76.0943, 0.3261, 0.3189



Tritanopia

76.2820, 0.3074, 0.3104

Trichromacy



Original Color

76.2749, 0.3143, 0.3258

Protanomaly

76.2749, 0.3143, 0.3258

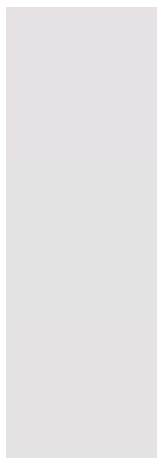
Deuteranomaly

76.0708, 0.3216, 0.3208

Tritanomaly

76.3564, 0.3098, 0.3165

Monochromacy



Original Color

76.2749, 0.3143, 0.3258

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.4327, 0.3135, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.2749, 0.3143, 0.3258 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(230, 225, 228) looks like.

```
.text, #text, p{  
    color:rgb(230, 225, 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(230, 225, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 225, 228) }
```

Border

The CSS property to change the border of an element to Yxy 76.2749, 0.3143, 0.3258 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(230, 225, 228) }
```

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

```
.border{ border-color:rgb(230, 225, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 225, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 225, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 225, 228); box-shadow:4px 4px 4px 4px rgb(230, 225, 228) }
```


Background

The CSS property to change the background color of an element to Yxy 76.2749, 0.3143, 0.3258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 225, 228) }
```

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

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