

Converting Colors

$Yxy(76.6218, 0.3151, 0.3279)$

Have a look what the booklet for
Yxy(76.6218, 0.3151, 0.3279)
contains.

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Color

Yxy(76.7618, 0.3149, 0.3280)

Conversions

Conversions Part 1

Format	Color
Hex	E6E2E3
RGB	230, 226, 227
RGB Percent	90%, 89%, 89%
CMY	0.0979, 0.1137, 0.1100
CMYK	0.00, 0.02, 0.01, 0.10
HSL	346°, 7%, 89%
HSV	346°, 2%, 90%
XYZ	73.6960, 76.7618, 83.5721
YIQ	227.3100, 2.0630, 1.1590

Conversions

Conversions Part 2

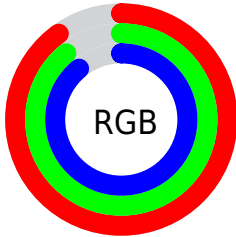
Format	Color
R _Y B	230, 226, 227
Decimal	15131363
CIE Lab	90.21, 1.53, 0.01
CIE LCh	90, 1.535, 0.231
Yxy	76.7618, 0.3149, 0.3280
Android (android.graphics.Color)	4293321443 (0xFFE6E2E3)
YUV	227.3100, -0.1528, 2.3591
Hunter-Lab	87.6138, -3.1796, 4.7748

Details

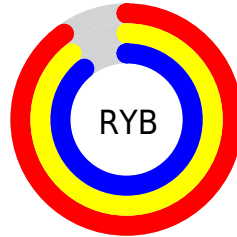
The Yxy color **76.7618, 0.3149, 0.3280** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78.4399, 0.3106, 0.3300**, and the grayscale version is **77.0562, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.2183, 0.3155, 0.3276** is the 20% darker color. If you saturate the color by 10%, you get **64.1625, 0.3290, 0.3221**, and if you desaturate by 10%, it is **91.1448, 0.3034, 0.3335**.

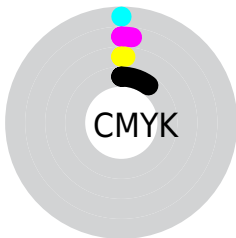
Distribution



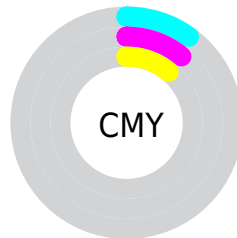
- Red (90%)
- Green (89%)
- Blue (89%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.7618, 0.3149, 0.3280 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 76.7618, 0.3149, 0.3280 by changing the saturation by 10% instead.

■ 76.7618, 0.3149,
0.3280

■ 76.7618, 0.3149,
0.3280

483.9515, 0.3139,
0.3285

■ 57.0574, 0.3151,
0.3279

128.8032, 0.3146,
0.3282

■ 41.0513, 0.3154,
0.3278

161.9090, 0.3144,
0.3282

■ 28.3592, 0.3158,
0.3276

200.2506, 0.3143,
0.3283

■ 18.5966, 0.3162,
0.3274

244.2126, 0.3142,
0.3283

■ 11.3792, 0.3168,
0.3271

294.1793, 0.3141,
0.3284

■ 6.3225, 0.3177,
0.3267

350.5351, 0.3140,

■ 3.0421, 0.3191,

0.3284

0.3260

413.6643, 0.3140,
0.3284

■ 1.1538, 0.3215,
0.3249

■ 0.0235, 0.5517,
0.2165

■ 76.7618, 0.3149,
0.3280

■ 76.7618, 0.3149,
0.3280

■ 64.1625, 0.3290,
0.3221

■ 91.1448, 0.3034,
0.3335

■ 53.2676, 0.3465,
0.3157

■ 95.5677, 0.2976,
0.3290

■ 44.0067, 0.3680,
0.3093

■ 36.3006, 0.3941,
0.3029

■ 30.0632, 0.4253,
0.2974

■ 25.2005, 0.4613,
0.2934

■ 21.6071, 0.5006,
0.2921

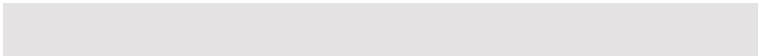
■ 19.1624, 0.5403,
0.2944

■ 17.7218, 0.5761,
0.3008

Harmonies

Analogous

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



76.7618, 0.3132, 0.3267



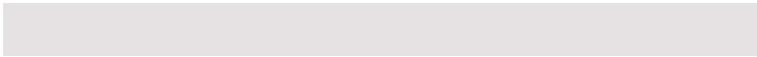
76.7618, 0.3149, 0.3280



76.7618, 0.3160, 0.3296

Triad

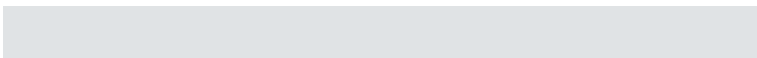
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.7618, 0.3149, 0.3280



76.7618, 0.3141, 0.3321



76.7618, 0.3092, 0.3270

Complementary

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



76.7618, 0.3149, 0.3280



78.4399, 0.3106, 0.3300

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.



76.7618, 0.3094, 0.3284



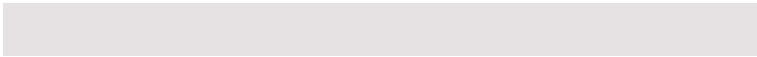
76.7618, 0.3149, 0.3280



76.7618, 0.3122, 0.3314

Square

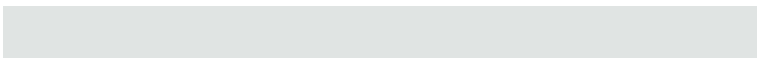
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



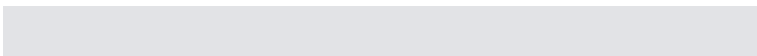
76.7618, 0.3149, 0.3280



76.7618, 0.3155, 0.3320



76.7618, 0.3106, 0.3300



76.7618, 0.3099, 0.3261

Rectangle

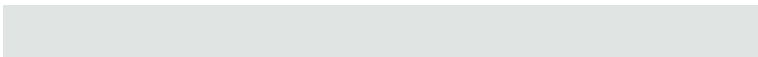
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



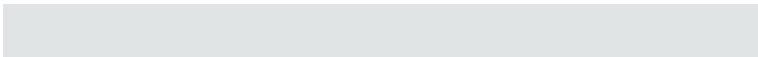
76.7618, 0.3149, 0.3280



76.7618, 0.3163, 0.3306



76.7618, 0.3106, 0.3300



76.7618, 0.3092, 0.3274

Sweetspot

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



76.7651, 0.3149, 0.3280



98.2591, 0.3140, 0.3284



76.7702, 0.3122, 0.3248



21.0498, 0.3139, 0.3285



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

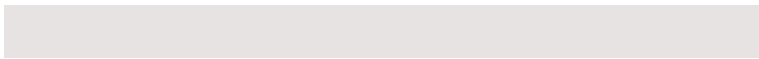
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.7651, 0.3149, 0.3280



96.5409, 0.3152, 0.3279



77.2617, 0.3155, 0.3301



16.5091, 0.3151, 0.3279



9.6934, 0.5965, 0.3060



0.7305, 0.5554, 0.2833

Inverse Universe

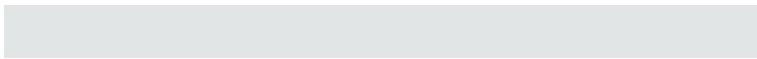
The Inverse Universe completely reimagines the original color for something new.



76.7651, 0.3149, 0.3280



96.5409, 0.3152, 0.3279



77.9346, 0.3100, 0.3279



16.5091, 0.3151, 0.3279



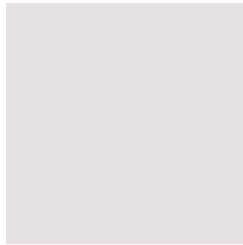
9.6934, 0.5965, 0.3060



0.7305, 0.5554, 0.2833

Previews

White Background



This preview shows how the Yxy color 76.7618, 0.3149, 0.3280 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 76.7618, 0.3149, 0.3280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

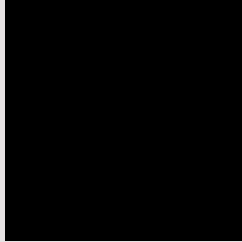
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

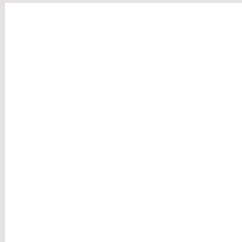
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.7618, 0.3149, 0.3280

Background



This preview shows how black text looks on a background with the Yxy color 76.7618, 0.3149, 0.3280.

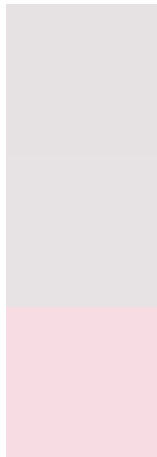


This preview shows how white text looks on a background with the Yxy color 76.7618, 0.3149, 0.3280.

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

76.7618, 0.3149, 0.3280

Protanopia

76.9277, 0.3155, 0.3280

Deuteranopia

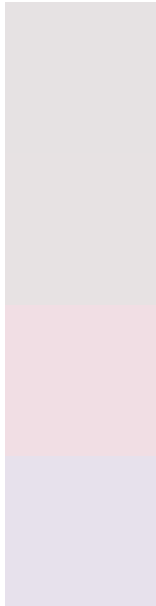
76.7443, 0.3275, 0.3209



Tritanopia

76.8180, 0.3073, 0.3114

Trichromacy



Original Color

76.7618, 0.3149, 0.3280

Protanomaly

76.9277, 0.3155, 0.3280

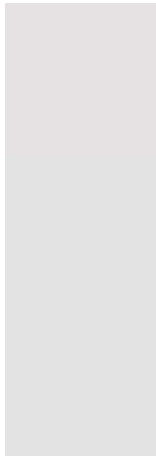
Deuteranomaly

76.5448, 0.3222, 0.3228

Tritanomaly

76.8955, 0.3098, 0.3175

Monochromacy



Original Color

76.7618, 0.3149, 0.3280

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.9782, 0.3134, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.7618, 0.3149, 0.3280 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, 226, 227) looks like.

```
.text, #text, p{  
    color:rgb(230, 226, 227)  
}
```

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, 226, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 226, 227) }
```

Border

The CSS property to change the border of an element to Yxy 76.7618, 0.3149, 0.3280 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, 226, 227) }
```

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

```
.border{ border-color:rgb(230, 226, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 226, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 226, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 226, 227);  
box-shadow:4px 4px 4px 4px rgb(230, 226,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 76.7618, 0.3149, 0.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 226, 227) }
```

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

```
.background{ background-color: rgb(230,  
226, 227) }
```

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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