

Converting Colors

$Yxy(78.1339, 0.3129, 0.3308)$

Have a look what the booklet for
Yxy(78.1339, 0.3129, 0.3308)
contains.

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Color

Yxy(78.0787, 0.3133, 0.3311)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E4E5E3 |
| RGB | 228, 229, 227 |
| RGB Percent | 89%, 90%, 89% |
| CMY | 0.1059, 0.1019, 0.1098 |
| CMYK | 0.00, 0.00, 0.01, 0.10 |
| HSL | 90°, 4%, 89% |
| HSV | 90°, 1%, 90% |
| XYZ | 73.8812, 78.0787, 83.8562 |
| YIQ | 228.4730, 0.0460, -0.8340 |

Conversions

Conversions Part 2

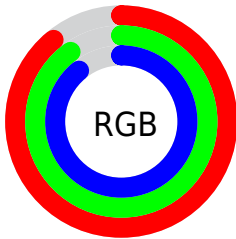
| Format | Color |
|-------------------------------------|--|
| RYB | 227, 229, 228 |
| Decimal | 15001059 |
| CIELab | 90.82, -0.68, 0.84 |
| CIELCh | 91, 1.083, 129.152 |
| Yxy | 78.0787, 0.3133, 0.3311 |
| Android (android.graphics.Color) | 4293191139 (0xFFE4E5E3) |
| YUV | 228.4730, -0.7262, -0.4148 |
| Hunter-Lab | 88.3622, -5.3867, 5.5870 |

Details

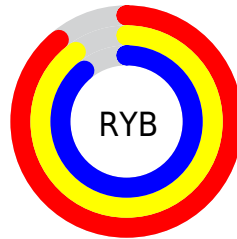
The Yxy color **78.0787, 0.3133, 0.3311** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.0967, 0.3121, 0.3269**, and the grayscale version is **77.9557, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.1349, 0.3135, 0.3317** is the 20% darker color. If you saturate the color by 10%, you get **75.0855, 0.3200, 0.3565**, and if you desaturate by 10%, it is **81.3714, 0.3067, 0.3080**.

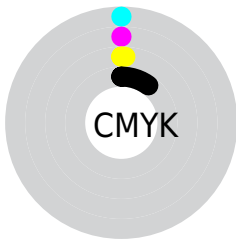
Distribution



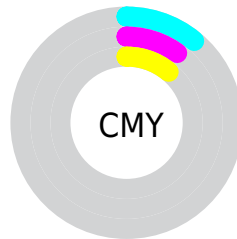
- Red (89%)
- Green (90%)
- Blue (89%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.0787, 0.3133, 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 78.0787, 0.3133, 0.3311 by changing the saturation by 10% instead.

■ 78.0787, 0.3133,
0.3311

■ 78.0787, 0.3133,
0.3311

488.4341, 0.3130,
0.3301

■ 58.1386, 0.3134,
0.3313

130.6611, 0.3132,
0.3308

■ 41.9201, 0.3134,
0.3316

164.0721, 0.3132,
0.3306

■ 29.0387, 0.3135,
0.3319

202.7423, 0.3131,
0.3305

■ 19.1101, 0.3136,
0.3323

247.0561, 0.3131,
0.3304

■ 11.7499, 0.3138,
0.3329

297.3977, 0.3131,
0.3304

■ 6.5736, 0.3140,
0.3338

354.1517, 0.3131,

■ 3.1969, 0.3144,

0.3303

417.7023, 0.3131,
0.3302

0.3351

1.2354, 0.3150,
0.3374

0.0903, 0.3474,
0.4537

78.0787, 0.3133,
0.3311

78.0787, 0.3133,
0.3311

75.0855, 0.3200,
0.3565

81.3714, 0.3067,
0.3080

72.3727, 0.3267,
0.3839

83.7611, 0.3112,
0.3036

69.9342, 0.3329,
0.4131

84.5206, 0.3139,
0.3039

67.7598, 0.3383,
0.4431

■ 65.8389, 0.3426,
0.4730

■ 64.1596, 0.3452,
0.5013

■ 62.7092, 0.3458,
0.5266

■ 61.4732, 0.3442,
0.5473

■ 60.4348, 0.3404,
0.5624

Harmonies

Analogous

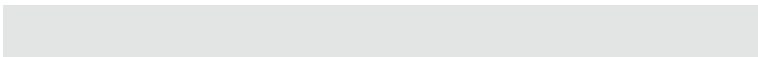
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.0787, 0.3144, 0.3312



78.0787, 0.3133, 0.3311



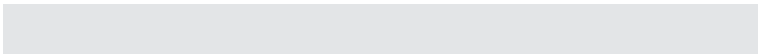
78.0787, 0.3120, 0.3304

Triad

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



78.0787, 0.3133, 0.3311



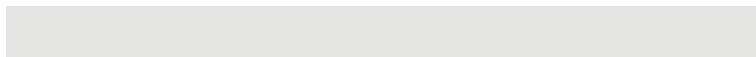
78.0787, 0.3103, 0.3273



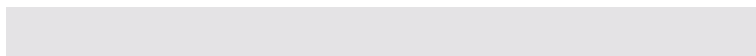
78.0787, 0.3145, 0.3286

Complementary

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



78.0787, 0.3133, 0.3311



77.0967, 0.3121, 0.3269

Split Complementary

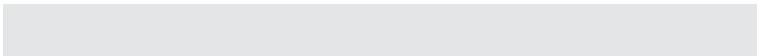
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.0787, 0.3134, 0.3276



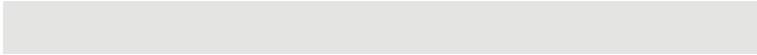
78.0787, 0.3133, 0.3311



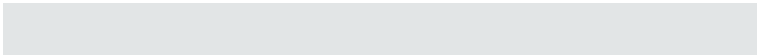
78.0787, 0.3110, 0.3269

Square

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



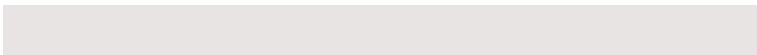
78.0787, 0.3133, 0.3311



78.0787, 0.3103, 0.3283



78.0787, 0.3121, 0.3270



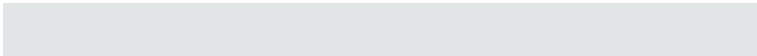
78.0787, 0.3152, 0.3298

Rectangle

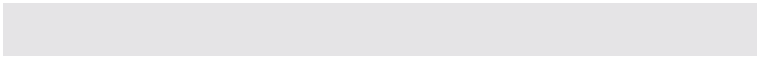
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



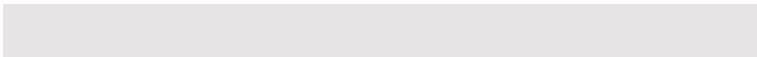
78.0787, 0.3133, 0.3311



78.0787, 0.3112, 0.3298



78.0787, 0.3121, 0.3270



78.0787, 0.3142, 0.3283

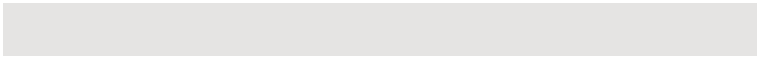
Sweetspot

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



78.0821, 0.3133, 0.3311

100.0000, 0.3127, 0.3290



77.6959, 0.3140, 0.3301



21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

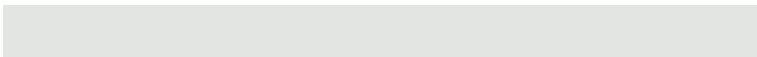
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.0821, 0.3133, 0.3311



99.5953, 0.3134, 0.3314



77.9199, 0.3126, 0.3311



16.9996, 0.3134, 0.3313



34.1672, 0.3366, 0.5709



2.5801, 0.3477, 0.5621

Inverse Universe

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



77.0967, 0.3121, 0.3269



98.1433, 0.3120, 0.3266



77.2599, 0.3128, 0.3269



16.7665, 0.3121, 0.3267



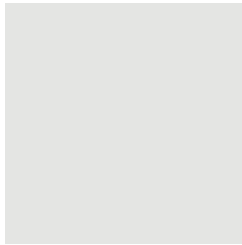
5.3799, 0.2028, 0.0891



0.4528, 0.2186, 0.0978

Previews

White Background



This preview shows how the Yxy color 78.0787, 0.3133, 0.3311 looks on a white background.

Color Contrast Check

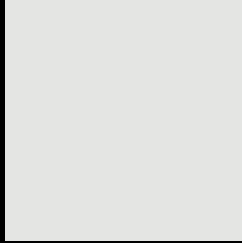
Large Text (above 18pt) WCAG AA × Fail

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 78.0787, 0.3133, 0.3311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

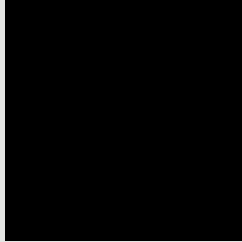
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

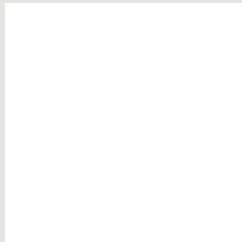
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.0787, 0.3133, 0.3311

Background



This preview shows how black text looks on a background with the Yxy color 78.0787, 0.3133, 0.3311.

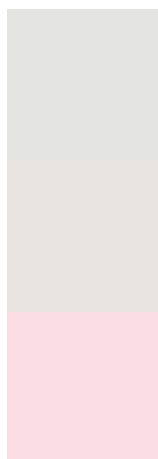


This preview shows how white text looks on a background with the Yxy color 78.0787, 0.3133, 0.3311.

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

78.0787, 0.3133, 0.3311

Protanopia

77.7528, 0.3175, 0.3301

Deuteranopia

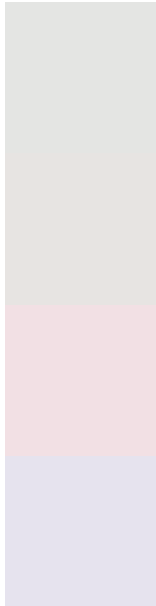
77.6940, 0.3281, 0.3210



Tritanopia

77.9133, 0.3047, 0.3104

Trichromacy



Original Color

78.0787, 0.3133, 0.3311

Protanomaly

77.9667, 0.3161, 0.3311

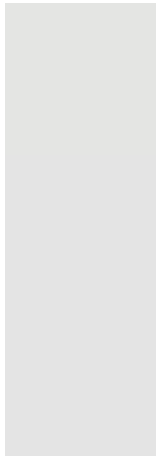
Deuteranomaly

77.7900, 0.3228, 0.3249

Tritanomaly

77.9342, 0.3078, 0.3176

Monochromacy



Original Color

78.0787, 0.3133, 0.3311

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.5822, 0.3127, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.0787, 0.3133, 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(228, 229, 227)` looks like.

```
.text, #text, p{  
    color:rgb(228, 229, 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(228, 229, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 229, 227) }
```

Border

The CSS property to change the border of an element to Yxy 78.0787, 0.3133, 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(228, 229, 227) }
```

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

```
.border{ border-color:rgb(228, 229, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 229, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 229, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 229, 227);  
box-shadow:4px 4px 4px 4px rgb(228, 229,  
227) }
```

Background

The CSS property to change the background color of an element to Yxy 78.0787, 0.3133, 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(228, 229, 227) }
```

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

```
.background{ background-color: rgb(228,  
229, 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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