

Converting Colors

$Yxy(76.7144, 0.3125, 0.3265)$

Have a look what the booklet for
Yxy(76.7144, 0.3125, 0.3265)
contains.

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Color

Yxy(76.5438, 0.3122, 0.3258)

Conversions

Conversions Part 1

Format	Color
Hex	E4E2E5
RGB	228, 226, 229
RGB Percent	89%, 89%, 90%
CMY	0.1057, 0.1138, 0.1019
CMYK	0.00, 0.01, 0.00, 0.10
HSL	281°, 6%, 89%
HSV	281°, 1%, 90%
XYZ	73.3486, 76.5438, 85.0487
YIQ	226.9400, 0.2290, 1.3570

Conversions

Conversions Part 2

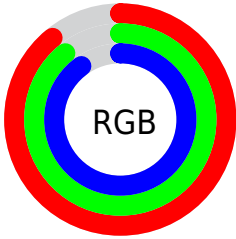
Format	Color
R_{YB}	228, 226, 229
Decimal	15000293
CIE _{Lab}	90.11, 1.25, -1.24
CIE _{LCh}	90, 1.757, 315.140
Yxy	76.5438, 0.3122, 0.3258
Android (android.graphics.Color)	4293190373 (0xFFE4E2E5)
YUV	226.9400, 1.0156, 0.9296
Hunter-Lab	87.4893, -3.4569, 3.6065

Details

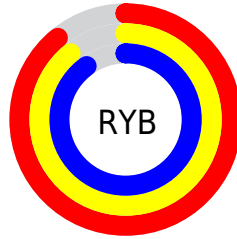
The Yxy color `76.5438, 0.3122, 0.3258` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `77.8610, 0.3132, 0.3322`, and the grayscale version is `76.7701, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `41.0660, 0.3120, 0.3249` is the 20% darker color. If you saturate the color by 10%, you get `63.7494, 0.3079, 0.3007`, and if you desaturate by 10%, it is `91.0582, 0.3158, 0.3492`.

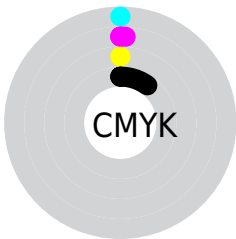
Distribution



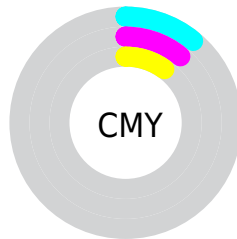
- Red (89%)
- Green (89%)
- Blue (90%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.5438, 0.3122, 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 76.5438, 0.3122, 0.3258 by changing the saturation by 10% instead.

 76.5438, 0.3122,
0.3258

 76.5438, 0.3122,
0.3258

483.2072, 0.3124,
0.3273

 56.8785, 0.3121,
0.3255


128.4953, 0.3123,
0.3263

 40.9077, 0.3121,
0.3251


161.5503, 0.3123,
0.3265

 28.2470, 0.3120,
0.3245

199.8374, 0.3123,
0.3267

 18.5119, 0.3119,
0.3239

243.7409, 0.3124,
0.3268

 11.3181, 0.3117,
0.3230

293.6452, 0.3124,
0.3270

 6.2812, 0.3115,
0.3216

349.9348, 0.3124,

 3.0168, 0.3111,

0.3271

0.3196

412.9940, 0.3124,
0.3272

■ 1.1405, 0.3105,
0.3161

■ 0.0123, 0.2726,
0.0797

■ 76.5438, 0.3122,
0.3258

■ 76.5438, 0.3122,
0.3258

■ 63.7494, 0.3079,
0.3007

■ 91.0582, 0.3158,
0.3492

■ 52.5991, 0.3027,
0.2741

■ 96.1600, 0.3200,
0.3548

■ 43.0258, 0.2967,
0.2465

■ 97.4759, 0.3246,
0.3545

■ 34.9539, 0.2898,
0.2189

■ 98.4381, 0.3280,
0.3542

■ 28.3015, 0.2821,
0.1922

■ 22.9788, 0.2739,
0.1676

■ 18.8854, 0.2653,
0.1463

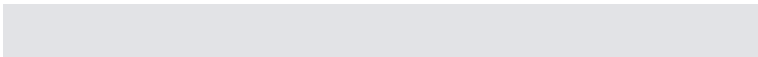
■ 15.9061, 0.2566,
0.1293

■ 13.9034, 0.2481,
0.1172

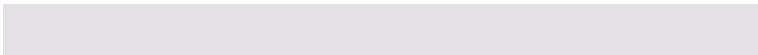
Harmonies

Analogous

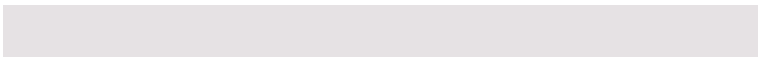
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.5438, 0.3103, 0.3254



76.5438, 0.3122, 0.3258



76.5438, 0.3143, 0.3270

Triad

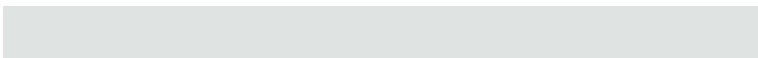
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.5438, 0.3122, 0.3258



76.5438, 0.3165, 0.3320



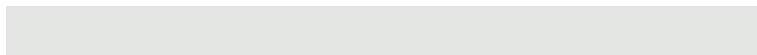
76.5438, 0.3095, 0.3293

Complementary

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



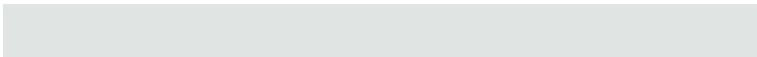
76.5438, 0.3122, 0.3258



77.8610, 0.3132, 0.3322

Split Complementary

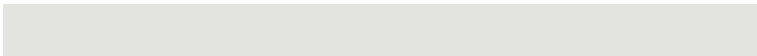
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.5438, 0.3112, 0.3310



76.5438, 0.3122, 0.3258



76.5438, 0.3152, 0.3326

Square

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



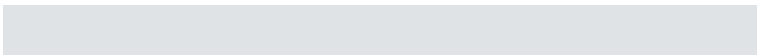
76.5438, 0.3122, 0.3258



76.5438, 0.3168, 0.3306



76.5438, 0.3132, 0.3323



76.5438, 0.3087, 0.3274

Rectangle

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



76.5438, 0.3122, 0.3258



76.5438, 0.3155, 0.3281



76.5438, 0.3132, 0.3323



76.5438, 0.3100, 0.3299

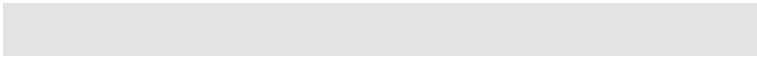
Sweetspot

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



76.5471, 0.3122, 0.3258

100.0000, 0.3127, 0.3290



76.7615, 0.3107, 0.3269



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.



76.5471, 0.3122, 0.3258



96.4834, 0.3119, 0.3241



76.6767, 0.3132, 0.3263



16.4999, 0.3120, 0.3244



7.3615, 0.2423, 0.1109



0.5931, 0.2540, 0.1173

Inverse Universe

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



76.5900, 0.3142, 0.3280



96.5669, 0.3150, 0.3275



77.7329, 0.3122, 0.3317



16.5133, 0.3149, 0.3276



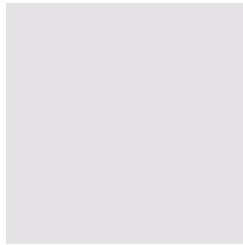
9.8161, 0.5694, 0.2910



0.7418, 0.5280, 0.2682

Previews

White Background



This preview shows how the Yxy color 76.5438, 0.3122, 0.3258 looks on a white background.

Color Contrast Check

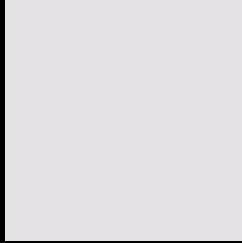
Large Text (above 18pt) WCAG AA × Fail

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 76.5438, 0.3122, 0.3258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

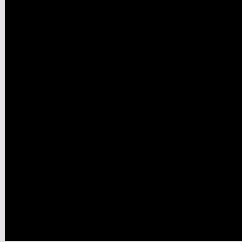
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

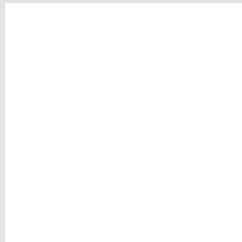
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.5438, 0.3122, 0.3258

Background



This preview shows how black text looks on a background with the Yxy color 76.5438, 0.3122, 0.3258.

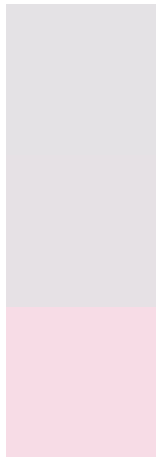


This preview shows how white text looks on a background with the Yxy color 76.5438, 0.3122, 0.3258.

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

76.5438, 0.3122, 0.3258

Protanopia

76.3306, 0.3136, 0.3248

Deuteranopia

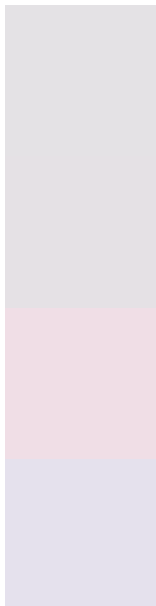
76.6737, 0.3254, 0.3189



Tritanopia

76.5451, 0.3053, 0.3103

Trichromacy



Original Color

76.5438, 0.3122, 0.3258

Protanomaly

76.1656, 0.3129, 0.3248

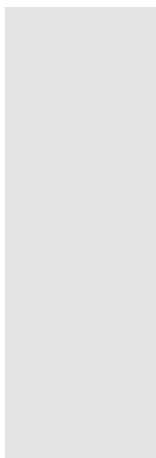
Deuteranomaly

76.4810, 0.3202, 0.3208

Tritanomaly

76.6229, 0.3078, 0.3165

Monochromacy



Original Color

76.5438, 0.3122, 0.3258

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.8705, 0.3121, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.5438, 0.3122, 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(228, 226, 229) looks like.

```
.text, #text, p{  
    color:rgb(228, 226, 229)  
}
```

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, 226, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 226, 229) }
```

Border

The CSS property to change the border of an element to Yxy 76.5438, 0.3122, 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(228, 226, 229) }
```

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

```
.border{ border-color:rgb(228, 226, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 226, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 226, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 226, 229);  
box-shadow:4px 4px 4px 4px rgb(228, 226,  
229) }
```

Background

The CSS property to change the background color of an element to Yxy 76.5438, 0.3122, 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(228, 226, 229) }
```

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

```
.background{ background-color: rgb(228,  
226, 229) }
```

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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