

Converting Colors

$Y_{xy}(82.1955, 0.3141, 0.3288)$

Have a look what the booklet for
Yxy(82.1955, 0.3141, 0.3288)
contains.

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Color

Yxy(82.0512, 0.3141, 0.3280)

Conversions

Conversions Part 1

Format	Color
Hex	ECE9EA
RGB	236, 233, 234
RGB Percent	93%, 91%, 92%
CMY	0.0746, 0.0862, 0.0824
CMYK	0.00, 0.01, 0.01, 0.07
HSL	340°, 7%, 92%
HSV	340°, 1%, 93%
XYZ	78.5740, 82.0512, 89.5309
YIQ	234.0110, 1.4670, 0.9470

Conversions

Conversions Part 2

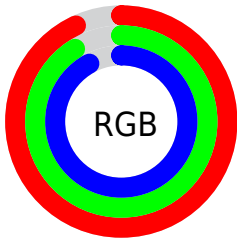
Format	Color
R _Y B	236, 233, 234
Decimal	15526378
CIE Lab	92.60, 1.17, -0.13
CIE LCh	93, 1.179, 353.503
Yxy	82.0512, 0.3141, 0.3280
Android (android.graphics.Color)	4293716458 (0xFFECE9EA)
YUV	234.0110, -0.0054, 1.7444
Hunter-Lab	90.5821, -3.6817, 4.8056

Details

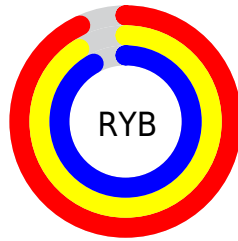
The Yxy color **82.0512, 0.3141, 0.3280** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **83.2992, 0.3114, 0.3300**, and the grayscale version is **82.2865, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.3619, 0.3145, 0.3277** is the 20% darker color. If you saturate the color by 10%, you get **68.7064, 0.3265, 0.3197**, and if you desaturate by 10%, it is **96.2375, 0.3040, 0.3341**.

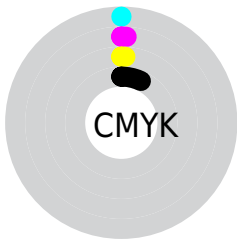
Distribution



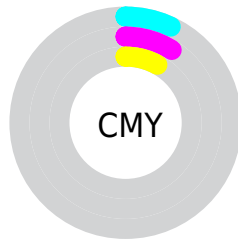
- Red (93%)
- Green (91%)
- Blue (92%)



- Red (93%)
- Yellow (91%)
- Blue (92%)



- Cyan (0%)
- Magenta (1%)
- Yellow (1%)
- Black (7%)



- Cyan (7%)
- Magenta (9%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.0512, 0.3141, 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 82.0512, 0.3141, 0.3280 by changing the saturation by 10% instead.

82.0512, 0.3141,
0.3280

82.0512, 0.3141,
0.3280

501.8189, 0.3135,
0.3285

61.4077, 0.3142,
0.3279

136.2458, 0.3139,
0.3282

44.5543, 0.3144,
0.3278

170.5657, 0.3138,
0.3282

31.1065, 0.3146,
0.3276

210.2133, 0.3137,
0.3283

20.6800, 0.3149,
0.3274

255.5728, 0.3137,
0.3283

12.8903, 0.3153,
0.3271

307.0288, 0.3136,
0.3284

7.3530, 0.3158,
0.3267

364.9655, 0.3136,

3.6838, 0.3166,

0.3284

0.3261

429.7674, 0.3135,
0.3284

■ 1.4983, 0.3179,
0.3251

■ 0.2876, 0.3311,
0.3153

■ 82.0512, 0.3141,
0.3280

■ 82.0512, 0.3141,
0.3280

■ 68.7064, 0.3265,
0.3197

■ 96.2375, 0.3040,
0.3341

■ 57.1531, 0.3417,
0.3110

■ 96.5682, 0.3011,
0.3290

■ 47.3176, 0.3603,
0.3019

■ 39.1172, 0.3828,
0.2930

■ 32.4620, 0.4094,
0.2850

■ 27.2535, 0.4401,
0.2787

■ 23.3817, 0.4741,
0.2755

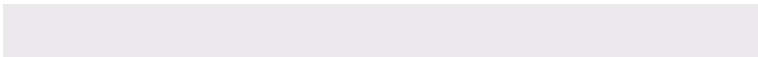
■ 20.7207, 0.5094,
0.2765

■ 19.1199, 0.5430,
0.2824

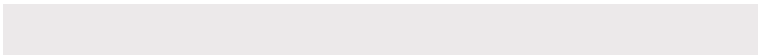
Harmonies

Analogous

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



82.0512, 0.3128, 0.3271



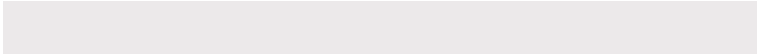
82.0512, 0.3141, 0.3280



82.0512, 0.3151, 0.3292

Triad

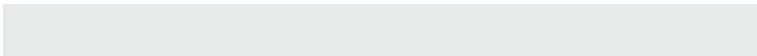
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.0512, 0.3141, 0.3280



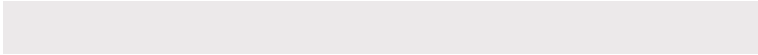
82.0512, 0.3140, 0.3314



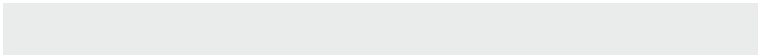
82.0512, 0.3101, 0.3277

Complementary

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



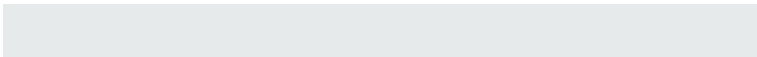
82.0512, 0.3141, 0.3280



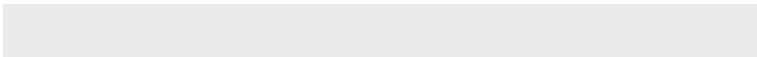
83.2992, 0.3114, 0.3300

Split Complementary

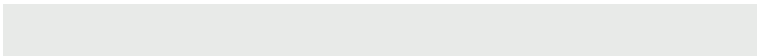
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.0512, 0.3104, 0.3288



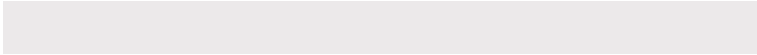
82.0512, 0.3141, 0.3280



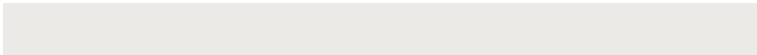
82.0512, 0.3127, 0.3310

Square

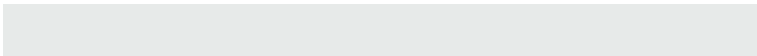
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



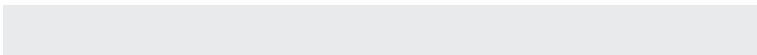
82.0512, 0.3141, 0.3280



82.0512, 0.3150, 0.3311



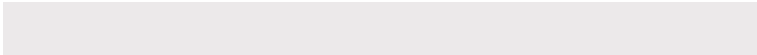
82.0512, 0.3114, 0.3300



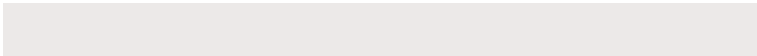
82.0512, 0.3104, 0.3269

Rectangle

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



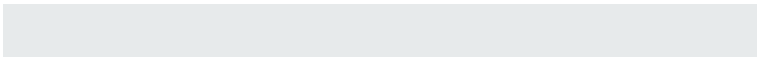
82.0512, 0.3141, 0.3280



82.0512, 0.3154, 0.3300



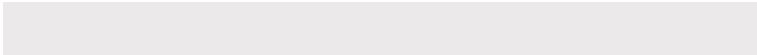
82.0512, 0.3114, 0.3300



82.0512, 0.3101, 0.3280

Sweetspot

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



82.0547, 0.3141, 0.3280

100.0000, 0.3127, 0.3290



82.0010, 0.3122, 0.3260



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.



82.0547, 0.3141, 0.3280



96.5710, 0.3150, 0.3274



82.2782, 0.3147, 0.3295



17.3084, 0.3148, 0.3275



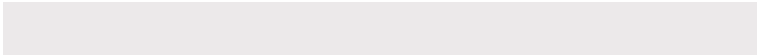
10.1539, 0.5649, 0.2885



0.8145, 0.5259, 0.2671

Inverse Universe

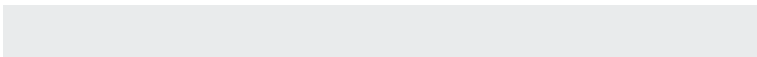
The Inverse Universe completely reimagines the original color for something new.



82.0547, 0.3141, 0.3280



96.5710, 0.3150, 0.3274



83.0725, 0.3108, 0.3285



17.3084, 0.3148, 0.3275



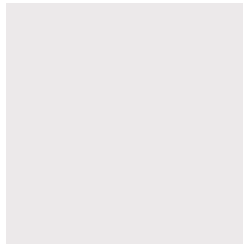
10.1539, 0.5649, 0.2885



0.8145, 0.5259, 0.2671

Previews

White Background



This preview shows how the Yxy color 82.0512, 0.3141, 0.3280 looks on a white background.

Color Contrast Check

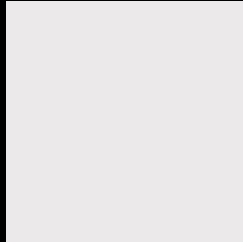
Large Text (above 18pt) WCAG AA × Fail

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 82.0512, 0.3141, 0.3280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

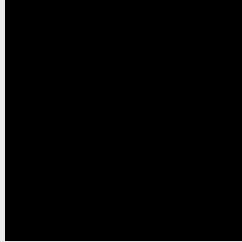
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

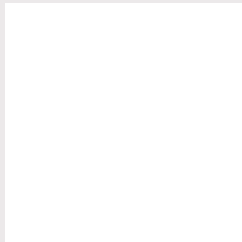
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.0512, 0.3141, 0.3280

Background



This preview shows how black text looks on a background with the Yxy color 82.0512, 0.3141, 0.3280.

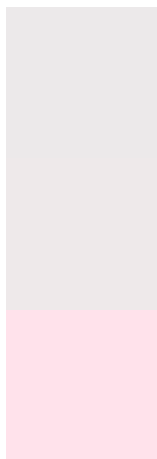


This preview shows how white text looks on a background with the Yxy color 82.0512, 0.3141, 0.3280.

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

82.0512, 0.3141, 0.3280

Protanopia

82.3955, 0.3155, 0.3280

Deuteranopia

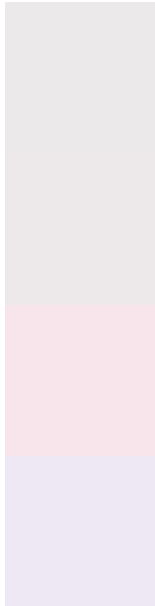
81.6509, 0.3271, 0.3201



Tritanopia

82.1685, 0.3062, 0.3109

Trichromacy



Original Color

82.0512, 0.3141, 0.3280

Protanomaly

82.2229, 0.3148, 0.3280

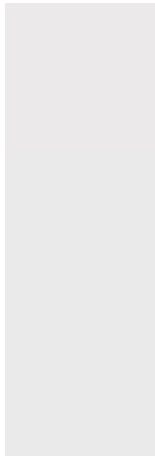
Deuteranomaly

81.9932, 0.3220, 0.3230

Tritanomaly

82.2494, 0.3086, 0.3168

Monochromacy



Original Color

82.0512, 0.3141, 0.3280

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

82.4483, 0.3134, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.0512, 0.3141, 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(236, 233, 234)` looks like.

```
.text, #text, p{  
    color:rgb(236, 233, 234)  
}
```

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(236, 233, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 233, 234) }
```

Border

The CSS property to change the border of an element to Yxy 82.0512, 0.3141, 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(236, 233, 234) }
```

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

```
.border{ border-color:rgb(236, 233, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 233, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 233, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 233, 234);  
box-shadow:4px 4px 4px 4px rgb(236, 233,  
234) }
```

Background

The CSS property to change the background color of an element to Yxy 82.0512, 0.3141, 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(236, 233, 234) }
```

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

```
.background{ background-color: rgb(236,  
233, 234) }
```

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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