

Converting Colors

$Y_{xy}(81.8275, 0.3223, 0.3298)$

Have a look what the booklet for
Yxy(81.8275, 0.3223, 0.3298)
contains.

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Color

Yxy(82.0981, 0.3223, 0.3300)

Conversions

Conversions Part 1

Format	Color
Hex	F4E7E6
RGB	244, 231, 230
RGB Percent	96%, 91%, 90%
CMY	0.0429, 0.0942, 0.0979
CMYK	0.00, 0.05, 0.06, 0.04
HSL	4°, 39%, 93%
HSV	4°, 6%, 96%
XYZ	80.1825, 82.0981, 86.5015
YIQ	234.7730, 8.0690, 2.4450

Conversions

Conversions Part 2

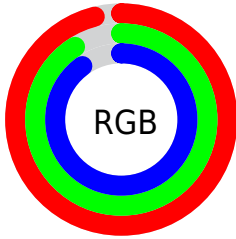
Format	Color
R _Y B	244, 231, 230
Decimal	16050150
CIE Lab	92.62, 4.26, 2.04
CIE LCh	93, 4.725, 25.574
Yxy	82.0981, 0.3223, 0.3300
Android (android.graphics.Color)	4294240230 (0xFF4E7E6)
YUV	234.7730, -2.3531, 8.0921
Hunter-Lab	90.6080, -0.6025, 6.8227

Details

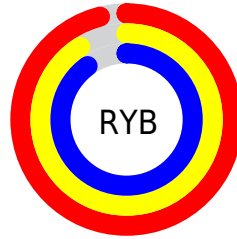
The Yxy color **82.0981, 0.3223, 0.3300** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.5165, 0.3038, 0.3280**, and the grayscale version is **82.9175, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.4465, 0.3243, 0.3290** is the 20% darker color. If you saturate the color by 10%, you get **68.9164, 0.3421, 0.3319**, and if you desaturate by 10%, it is **97.1314, 0.3063, 0.3283**.

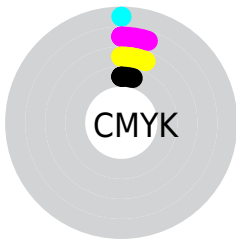
Distribution



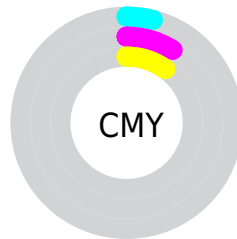
- Red (96%)
- Green (91%)
- Blue (90%)



- Red (96%)
- Yellow (91%)
- Blue (90%)



- Cyan (0%)
- Magenta (5%)
- Yellow (6%)
- Black (4%)





- Cyan (4%)
- Magenta (9%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.0981, 0.3223, 0.3300 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 82.0981, 0.3223, 0.3300 by changing the saturation by 10% instead.


 82.0981, 0.3223,
0.3300

 82.0981, 0.3223,
0.3300


501.9758, 0.3180,
0.3296

 61.4464, 0.3233,
0.3301

136.3116, 0.3208,
0.3299

 44.5855, 0.3245,
0.3302


170.6421, 0.3202,
0.3298

 31.1311, 0.3260,
0.3303


210.3011, 0.3197,
0.3297

 20.6987, 0.3279,
0.3305

255.6728, 0.3193,
0.3297

 12.9039, 0.3305,
0.3307

307.1418, 0.3189,
0.3297

 7.3624, 0.3342,
0.3310

365.0923, 0.3185,

 3.6898, 0.3398,

0.3296

0.3314

429.9089, 0.3182,
0.3296

■ 1.5016, 0.3494,
0.3320

■ 0.2898, 0.4506,
0.3441

■ 82.0981, 0.3223,
0.3300

■ 82.0981, 0.3223,
0.3300

■ 68.9164, 0.3421,
0.3319

■ 97.1314, 0.3063,
0.3283

■ 57.5046, 0.3666,
0.3338

■ 97.9821, 0.3060,
0.3290

■ 47.7904, 0.3967,
0.3358

■ 39.6927, 0.4330,
0.3377

■ 33.1238, 0.4753,
0.3391

■ 27.9876, 0.5215,
0.3397

■ 24.1769, 0.5670,
0.3391

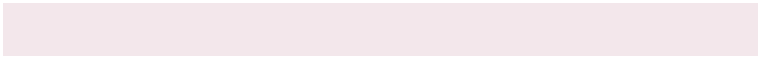
■ 21.5698, 0.6052,
0.3371

■ 20.0214, 0.6298,
0.3339

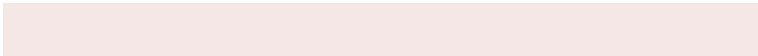
Harmonies

Analogous

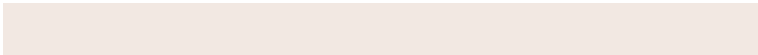
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.0981, 0.3186, 0.3252



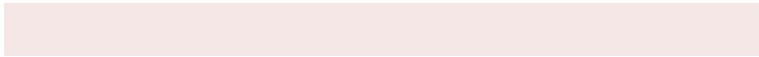
82.0981, 0.3223, 0.3300



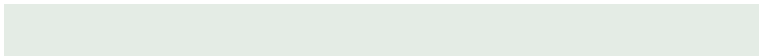
82.0981, 0.3235, 0.3346

Triad

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



82.0981, 0.3223, 0.3300



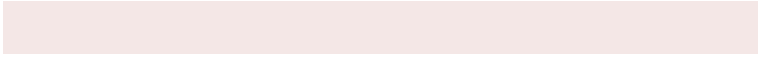
82.0981, 0.3121, 0.3367



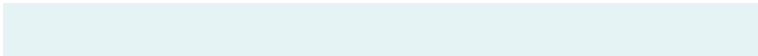
82.0981, 0.3038, 0.3204

Complementary

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



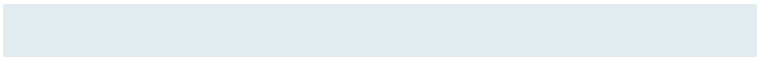
82.0981, 0.3223, 0.3300



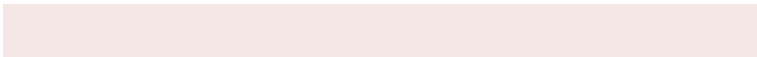
87.5165, 0.3038, 0.3280

Split Complementary

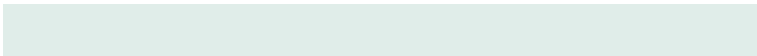
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.0981, 0.3021, 0.3234



82.0981, 0.3223, 0.3300



82.0981, 0.3069, 0.3328

Square

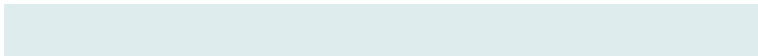
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.0981, 0.3223, 0.3300



82.0981, 0.3175, 0.3385



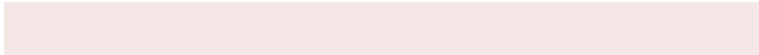
82.0981, 0.3032, 0.3279



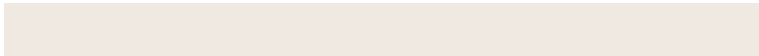
82.0981, 0.3079, 0.3197

Rectangle

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



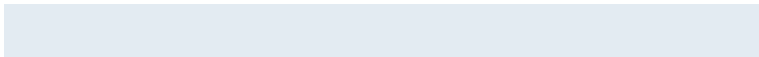
82.0981, 0.3223, 0.3300



82.0981, 0.3226, 0.3369



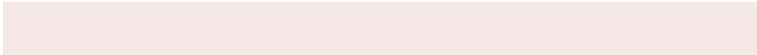
82.0981, 0.3032, 0.3279



82.0981, 0.3029, 0.3211

Sweetspot

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



82.1017, 0.3223, 0.3300



96.6823, 0.3159, 0.3293



82.3284, 0.3140, 0.3159



20.7288, 0.3158, 0.3293



0.0000, 0.0000, 0.0000



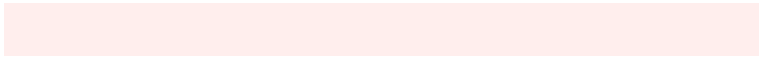
21.4041, 0.3127, 0.3290

Same Dimension

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



82.1017, 0.3223, 0.3300



88.7501, 0.3246, 0.3302



86.0903, 0.3217, 0.3370



17.2229, 0.3256, 0.3303



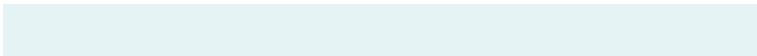
10.7397, 0.6351, 0.3339



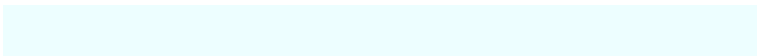
1.0064, 0.6232, 0.3434

Inverse Universe

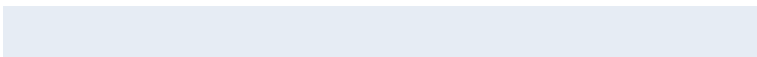
The Inverse Universe completely reimagines the original color for something new.



87.5165, 0.3038, 0.3280



95.9921, 0.3018, 0.3278



83.4125, 0.3039, 0.3208



18.7524, 0.3010, 0.3277



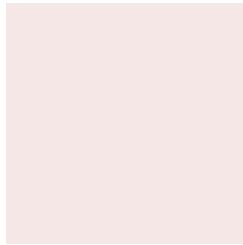
33.5882, 0.2187, 0.3075



3.0095, 0.2195, 0.3103

Previews

White Background



This preview shows how the Yxy color 82.0981, 0.3223, 0.3300 looks on a white background.

Color Contrast Check

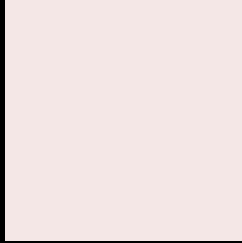
Large Text (above 18pt) WCAG AA × Fail

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 82.0981, 0.3223, 0.3300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

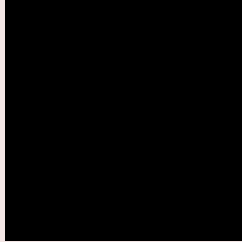
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

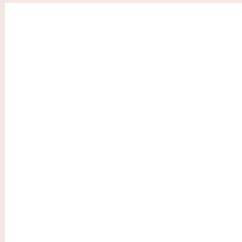
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.0981, 0.3223, 0.3300

Background



This preview shows how black text looks on a background with the Yxy color 82.0981, 0.3223, 0.3300.

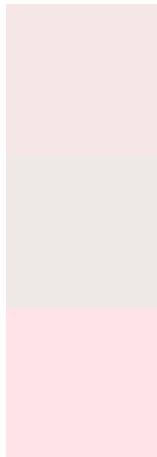


This preview shows how white text looks on a background with the Yxy color 82.0981, 0.3223, 0.3300.

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

82.0981, 0.3223, 0.3300

Protanopia

82.2245, 0.3174, 0.3311

Deuteranopia

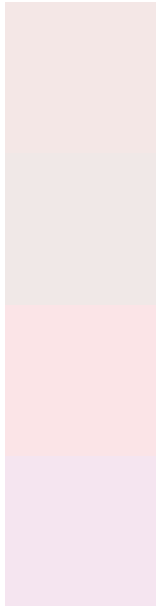
81.9677, 0.3297, 0.3251



Tritanopia

81.7335, 0.3136, 0.3111

Trichromacy



Original Color

82.0981, 0.3223, 0.3300

Protanomaly

82.0080, 0.3188, 0.3300

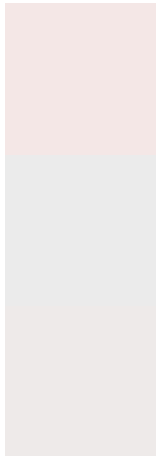
Deuteranomaly

81.7656, 0.3268, 0.3260

Tritanomaly

81.7424, 0.3167, 0.3180

Monochromacy



Original Color

82.0981, 0.3223, 0.3300

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

82.9060, 0.3160, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.0981, 0.3223, 0.3300 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(244, 231, 230)` looks like.

```
.text, #text, p{  
    color:rgb(244, 231, 230)  
}
```

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(244, 231, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 231, 230) }
```

Border

The CSS property to change the border of an element to Yxy 82.0981, 0.3223, 0.3300 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(244, 231, 230) }
```

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

```
.border{ border-color:rgb(244, 231, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 231, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 231, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 231, 230);  
box-shadow:4px 4px 4px 4px rgb(244, 231,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 82.0981, 0.3223, 0.3300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 231, 230) }
```

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

```
.background{ background-color: rgb(244,  
231, 230) }
```

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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