

Converting Colors

$Y_{xy}(81.2273, 0.3221, 0.3294)$

Have a look what the booklet for
Yxy(81.2273, 0.3221, 0.3294)
contains.

Yxy(81.3055, 0.3223, 0.3300)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(81.3055, 0.3223, 0.3300)

Conversions

Conversions Part 1

Format	Color
Hex	F3E6E5
RGB	243, 230, 229
RGB Percent	95%, 90%, 90%
CMY	0.0470, 0.0980, 0.1018
CMYK	0.00, 0.05, 0.06, 0.05
HSL	4°, 37%, 93%
HSV	4°, 6%, 95%
XYZ	79.4084, 81.3055, 85.6664
YIQ	233.7730, 8.0690, 2.4450

Conversions

Conversions Part 2

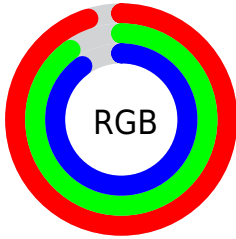
Format	Color
R _Y B	243, 230, 229
Decimal	15984357
CIE Lab	92.27, 4.25, 2.03
CIE LCh	92, 4.710, 25.574
Yxy	81.3055, 0.3223, 0.3300
Android (android.graphics.Color)	4294174437 (0xFFFF3E6E5)
YUV	233.7730, -2.3531, 8.0921
Hunter-Lab	90.1696, -0.5996, 6.7897

Details

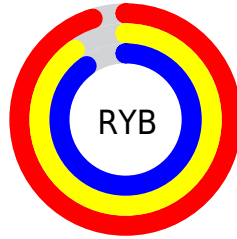
The Yxy color **81.3055, 0.3223, 0.3300** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **86.6716, 0.3038, 0.3280**, and the grayscale version is **82.1170, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.2807, 0.3242, 0.3303** is the 20% darker color. If you saturate the color by 10%, you get **68.2539, 0.3421, 0.3319**, and if you desaturate by 10%, it is **96.1900, 0.3063, 0.3283**.

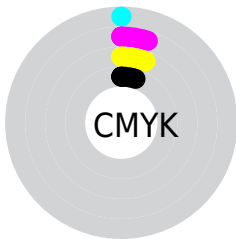
Distribution



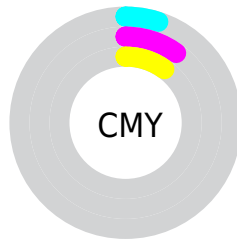
- Red (95%)
- Green (90%)
- Blue (90%)



- Red (95%)
- Yellow (90%)
- Blue (90%)



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





- Cyan (5%)
- Magenta (10%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.3055, 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 81.3055, 0.3223, 0.3300 by changing the saturation by 10% instead.

 81.3055, 0.3223,
0.3300

 81.3055, 0.3223,
0.3300


499.3216, 0.3179,
0.3296

 60.7932, 0.3233,
0.3301


135.1996, 0.3208,
0.3299

 44.0583, 0.3245,
0.3302

169.3503, 0.3202,
0.3298

 30.7164, 0.3260,
0.3303


208.8159, 0.3197,
0.3297

 20.3830, 0.3279,
0.3305

253.9808, 0.3193,
0.3297

 12.6737, 0.3306,
0.3307

305.2295, 0.3189,
0.3297

 7.2043, 0.3343,
0.3310

362.9462, 0.3185,

 3.5902, 0.3400,

0.3296

0.3314

427.5155, 0.3182,
0.3296

■ 1.4471, 0.3498,
0.3321

■ 0.2510, 0.4725,
0.3465

■ 81.3055, 0.3223,
0.3300

■ 81.3055, 0.3223,
0.3300

■ 68.2539, 0.3421,
0.3319

■ 96.1900, 0.3063,
0.3283

■ 56.9543, 0.3666,
0.3338

■ 97.7963, 0.3054,
0.3290

■ 47.3351, 0.3967,
0.3358

■ 39.3163, 0.4330,
0.3377

■ 32.8108, 0.4752,
0.3391

■ 27.7235, 0.5214,
0.3397

■ 23.9487, 0.5669,
0.3391

■ 21.3653, 0.6051,
0.3371

■ 19.8304, 0.6298,
0.3339

Harmonies

Analogous

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



81.3055, 0.3186, 0.3252



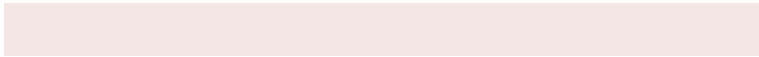
81.3055, 0.3223, 0.3300



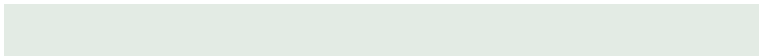
81.3055, 0.3235, 0.3346

Triad

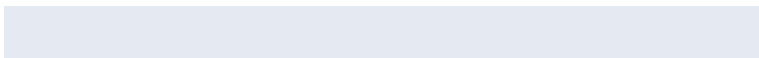
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.3055, 0.3223, 0.3300



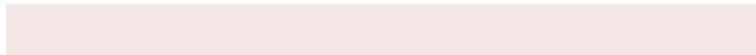
81.3055, 0.3121, 0.3367



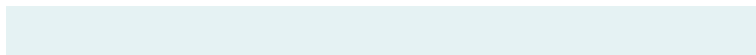
81.3055, 0.3038, 0.3204

Complementary

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



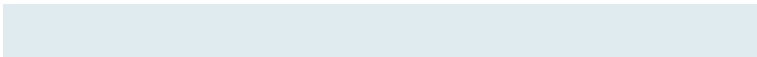
81.3055, 0.3223, 0.3300



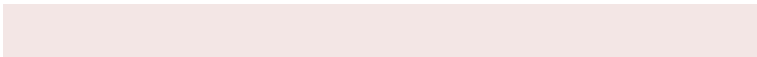
86.6716, 0.3038, 0.3280

Split Complementary

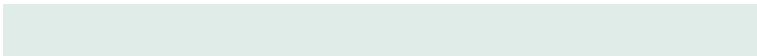
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.3055, 0.3021, 0.3234



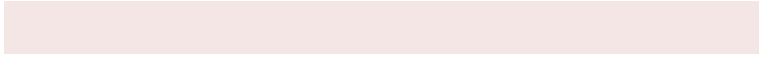
81.3055, 0.3223, 0.3300



81.3055, 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.



81.3055, 0.3223, 0.3300



81.3055, 0.3175, 0.3385



81.3055, 0.3032, 0.3279



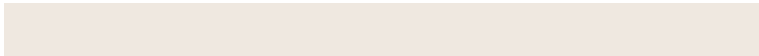
81.3055, 0.3079, 0.3197

Rectangle

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



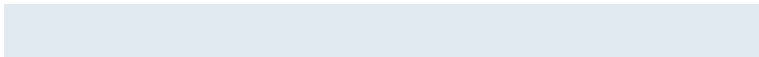
81.3055, 0.3223, 0.3300



81.3055, 0.3226, 0.3369



81.3055, 0.3032, 0.3279



81.3055, 0.3029, 0.3211

Sweetspot

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



81.3090, 0.3223, 0.3300



96.6823, 0.3159, 0.3293



81.5336, 0.3140, 0.3159



20.7288, 0.3158, 0.3293



0.0000, 0.0000, 0.0000



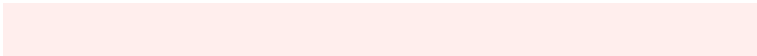
21.4041, 0.3127, 0.3290

Same Dimension

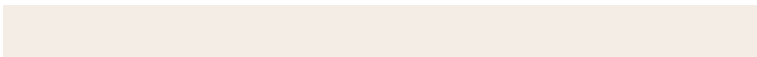
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.3090, 0.3223, 0.3300



88.7501, 0.3246, 0.3302



85.2591, 0.3217, 0.3370



17.2229, 0.3256, 0.3303



10.7397, 0.6351, 0.3339



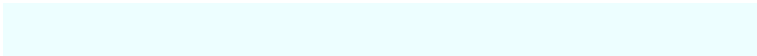
1.0064, 0.6232, 0.3434

Inverse Universe

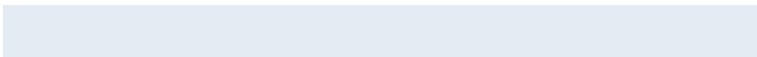
The Inverse Universe completely reimagines the original color for something new.



86.6716, 0.3038, 0.3280



95.9921, 0.3018, 0.3278



82.6072, 0.3039, 0.3208



18.7524, 0.3010, 0.3277



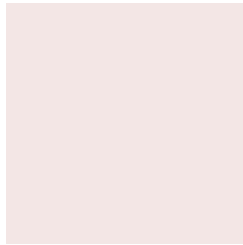
33.5882, 0.2187, 0.3075



3.0095, 0.2195, 0.3103

Previews

White Background



This preview shows how the Yxy color 81.3055, 0.3223, 0.3300 looks on a white background.

Color Contrast Check

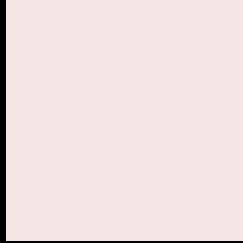
Large Text (above 18pt) WCAG AA × Fail

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 81.3055, 0.3223, 0.3300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

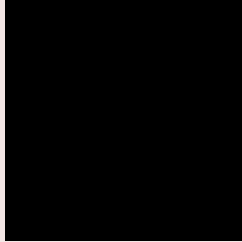
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

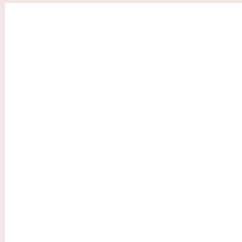
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.3055, 0.3223, 0.3300

Background



This preview shows how black text looks on a background with the Yxy color 81.3055, 0.3223, 0.3300.

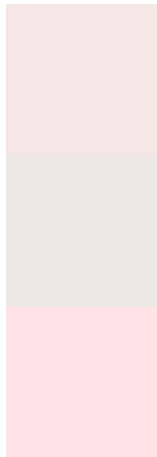


This preview shows how white text looks on a background with the Yxy color 81.3055, 0.3223, 0.3300.

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

81.3055, 0.3223, 0.3300

Protanopia

81.4309, 0.3174, 0.3311

Deuteranopia

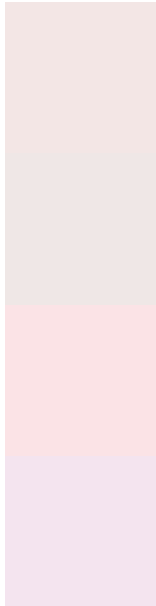
81.3659, 0.3305, 0.3251



Tritanopia

80.9432, 0.3136, 0.3110

Trichromacy



Original Color

81.3055, 0.3223, 0.3300

Protanomaly

81.2157, 0.3188, 0.3300

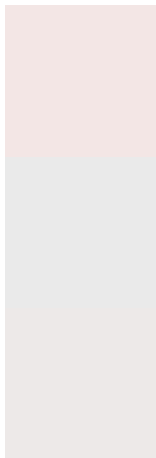
Deuteranomaly

81.1606, 0.3275, 0.3260

Tritanomaly

80.9519, 0.3167, 0.3179

Monochromacy



Original Color

81.3055, 0.3223, 0.3300

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

82.1085, 0.3161, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.3055, 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(243, 230, 229)` looks like.

```
.text, #text, p{  
    color:rgb(243, 230, 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(243, 230, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 230, 229) }
```

Border

The CSS property to change the border of an element to Yxy 81.3055, 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(243, 230, 229) }
```

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

```
.border{ border-color:rgb(243, 230, 229) }
```

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

Here you see how a box with a 4 pixel rgb(243, 230, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 230, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 230, 229);  
box-shadow:4px 4px 4px 4px rgb(243, 230,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 81.3055, 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(243, 230, 229) }
```

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

```
.background{ background-color: rgb(243,  
230, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor