

Converting Colors

$Y_{xy}(82.0995, 0.3272, 0.3268)$

Have a look what the booklet for
Yxy(82.0995, 0.3272, 0.3268)
contains.

Yxy(81.7656, 0.3268, 0.3260)	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(81.7656, 0.3268, 0.3260)

Conversions

Conversions Part 1

Format	Color
Hex	FBE4E7
RGB	251, 228, 231
RGB Percent	98%, 89%, 91%
CMY	0.0155, 0.1059, 0.0940
CMYK	0.00, 0.09, 0.08, 0.02
HSL	352°, 74%, 94%
HSV	352°, 9%, 98%
XYZ	81.9663, 81.7656, 87.0829
YIQ	235.2190, 12.7450, 5.8090

Conversions

Conversions Part 2

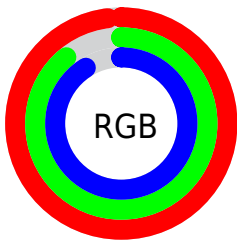
Format	Color
R _Y B	251, 228, 231
Decimal	16508135
CIE Lab	92.47, 8.37, 1.37
CIE LCh	92, 8.485, 9.310
Yxy	81.7656, 0.3268, 0.3260
Android (android.graphics.Color)	4294698215 (0xFFFB E4E7)
YUV	235.2190, -2.0800, 13.8399
Hunter-Lab	90.4243, 3.5609, 6.1980

Details

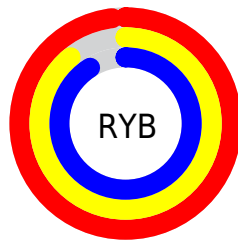
The Yxy color **81.7656, 0.3268, 0.3260** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **92.2939, 0.3002, 0.3320**, and the grayscale version is **83.2693, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.4516, 0.3300, 0.3265** is the 20% darker color. If you saturate the color by 10%, you get **67.7896, 0.3457, 0.3225**, and if you desaturate by 10%, it is **97.9076, 0.3116, 0.3293**.

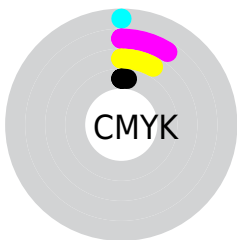
Distribution



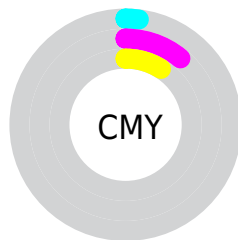
- Red (98%)
- Green (89%)
- Blue (91%)



- Red (98%)
- Yellow (89%)
- Blue (91%)



- Cyan (0%)
- Magenta (9%)
- Yellow (8%)
- Black (2%)





- Cyan (2%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.7656, 0.3268, 0.3260 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 81.7656, 0.3268, 0.3260 by changing the saturation by 10% instead.

 81.7656, 0.3268,
0.3260

 81.7656, 0.3268,
0.3260

500.8633, 0.3204,
0.3274

 61.1723, 0.3282,
0.3257


135.8452, 0.3246,
0.3265

 44.3643, 0.3300,
0.3253


170.1004, 0.3237,
0.3267

 30.9570, 0.3322,
0.3248


209.6784, 0.3230,
0.3268

 20.5661, 0.3351,
0.3242

254.9635, 0.3223,
0.3270

 12.8072, 0.3389,
0.3233

306.3401, 0.3218,
0.3271

 7.2959, 0.3444,
0.3220

364.1927, 0.3213,

 3.6478, 0.3526,

0.3272

0.3201

428.9056, 0.3208,
0.3273

■ 1.4786, 0.3668,
0.3166

■ 0.2736, 0.4941,
0.2911

■ 81.7656, 0.3268,
0.3260

■ 81.7656, 0.3268,
0.3260

■ 67.7896, 0.3457,
0.3225

■ 97.9076, 0.3116,
0.3293

■ 55.8773, 0.3692,
0.3189

■ 99.2581, 0.3103,
0.3290

■ 45.9338, 0.3982,
0.3154

■ 37.8531, 0.4330,
0.3123

■ 31.5187, 0.4735,
0.3102

■ 26.8013, 0.5177,
0.3097

■ 23.5535, 0.5613,
0.3116

■ 21.6009, 0.5986,
0.3160

■ 20.6830, 0.6244,
0.3218

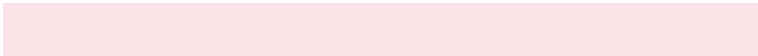
Harmonies

Analogous

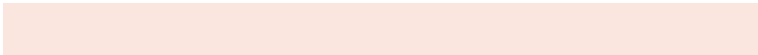
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.7656, 0.3182, 0.3183



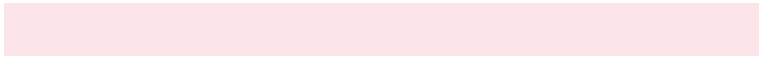
81.7656, 0.3268, 0.3260



81.7656, 0.3316, 0.3346

Triad

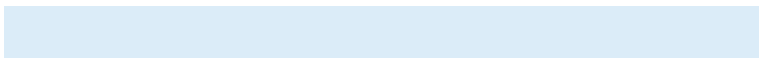
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.7656, 0.3268, 0.3260



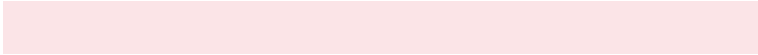
81.7656, 0.3170, 0.3453



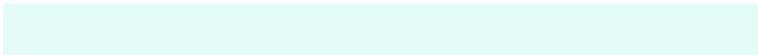
81.7656, 0.2945, 0.3159

Complementary

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



81.7656, 0.3268, 0.3260



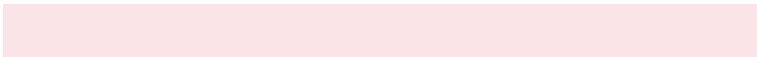
92.2939, 0.3002, 0.3320

Split Complementary

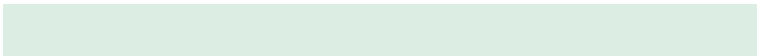
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.7656, 0.2942, 0.3230



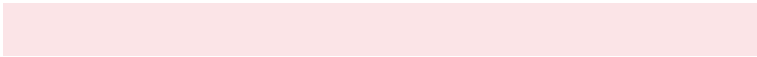
81.7656, 0.3268, 0.3260



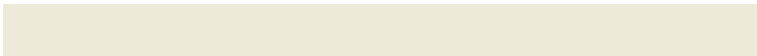
81.7656, 0.3071, 0.3401

Square

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



81.7656, 0.3268, 0.3260



81.7656, 0.3259, 0.3459



81.7656, 0.2988, 0.3319



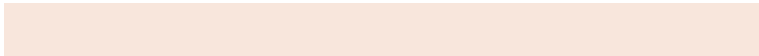
81.7656, 0.2996, 0.3124

Rectangle

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



81.7656, 0.3268, 0.3260



81.7656, 0.3320, 0.3397



81.7656, 0.2988, 0.3319



81.7656, 0.2938, 0.3179

Sweetspot

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



81.7692, 0.3268, 0.3260



94.7954, 0.3170, 0.3280



82.3996, 0.3117, 0.3063



19.9999, 0.3182, 0.3278



0.0000, 0.0000, 0.0000



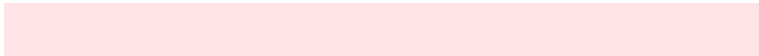
21.4041, 0.3127, 0.3290

Same Dimension

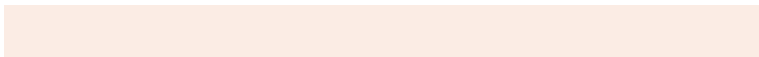
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.7692, 0.3268, 0.3260



81.9205, 0.3299, 0.3254



86.3652, 0.3279, 0.3375



17.2625, 0.3273, 0.3259



10.8501, 0.6233, 0.3207



1.0161, 0.5966, 0.3060

Inverse Universe

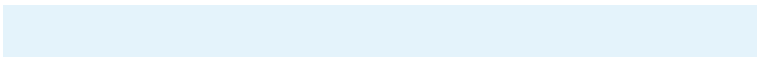
The Inverse Universe completely reimagines the original color for something new.



81.7692, 0.3268, 0.3260



81.9205, 0.3299, 0.3254



87.3174, 0.2985, 0.3204



17.2625, 0.3273, 0.3259



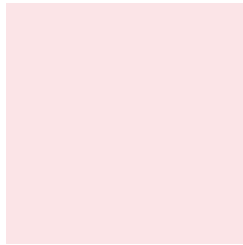
10.8501, 0.6233, 0.3207



1.0161, 0.5966, 0.3060

Previews

White Background



This preview shows how the Yxy color 81.7656, 0.3268, 0.3260 looks on a white background.

Color Contrast Check

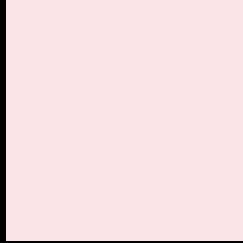
Large Text (above 18pt) WCAG AA × Fail

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 81.7656, 0.3268, 0.3260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

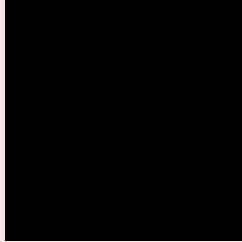
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 81.7656, 0.3268, 0.3260

Background



This preview shows how black text looks on a background with the Yxy color 81.7656, 0.3268, 0.3260.

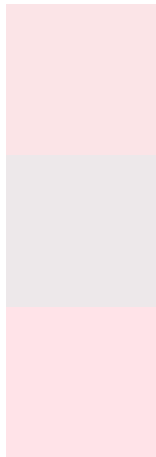


This preview shows how white text looks on a background with the Yxy color 81.7656, 0.3268, 0.3260.

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

81.7656, 0.3268, 0.3260

Protanopia

81.6583, 0.3148, 0.3270

Deuteranopia

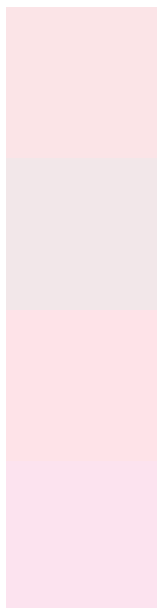
82.0244, 0.3290, 0.3241



Tritanopia

81.8070, 0.3198, 0.3113

Trichromacy



Original Color

81.7656, 0.3268, 0.3260

Protanomaly

81.9123, 0.3190, 0.3270

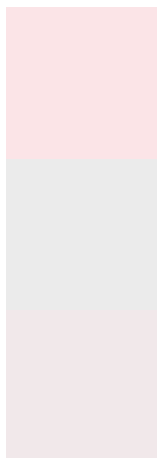
Deuteranomaly

81.8352, 0.3283, 0.3241

Tritanomaly

81.8656, 0.3223, 0.3171

Monochromacy



Original Color

81.7656, 0.3268, 0.3260

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

82.3545, 0.3176, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.7656, 0.3268, 0.3260 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(251, 228, 231)` looks like.

```
.text, #text, p{  
    color:rgb(251, 228, 231)  
}
```

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(251, 228, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 228, 231) }
```

Border

The CSS property to change the border of an element to Yxy 81.7656, 0.3268, 0.3260 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(251, 228, 231) }
```

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

```
.border{ border-color:rgb(251, 228, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 228, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 228, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 228, 231);  
box-shadow:4px 4px 4px 4px rgb(251, 228,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 81.7656, 0.3268, 0.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 228, 231) }
```

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

```
.background{ background-color: rgb(251,  
228, 231) }
```

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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