

Converting Colors

$Yxy(80.9393, 0.3198, 0.3202)$

Have a look what the booklet for
Yxy(80.9393, 0.3198, 0.3202)
contains.

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Color

Yxy(81.1358, 0.3200, 0.3210)

Conversions

Conversions Part 1

Format	Color
Hex	F6E4EC
RGB	246, 228, 236
RGB Percent	96%, 89%, 93%
CMY	0.0354, 0.1058, 0.0746
CMYK	0.00, 0.07, 0.04, 0.04
HSL	333°, 50%, 93%
HSV	333°, 7%, 96%
XYZ	80.8830, 81.1358, 90.7407
YIQ	234.2940, 8.1600, 6.3040

Conversions

Conversions Part 2

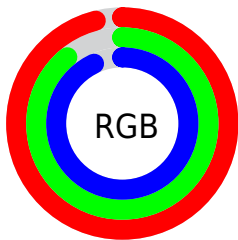
Format	Color
R _Y B	246, 228, 236
Decimal	16180460
CIE Lab	92.19, 7.47, -1.67
CIE LCh	92, 7.656, 347.381
Yxy	81.1358, 0.3200, 0.3210
Android (android.graphics.Color)	4294370540 (0xFFFF6E4EC)
YUV	234.2940, 0.8411, 10.2662
Hunter-Lab	90.0754, 2.6518, 3.3249

Details

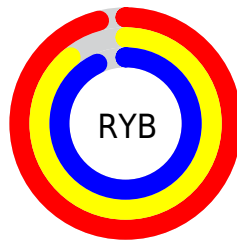
The Yxy color **81.1358, 0.3200, 0.3210** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88.5717, 0.3060, 0.3371**, and the grayscale version is **82.5027, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.1296, 0.3221, 0.3200** is the 20% darker color. If you saturate the color by 10%, you get **67.7879, 0.3318, 0.3095**, and if you desaturate by 10%, it is **96.4773, 0.3103, 0.3319**.

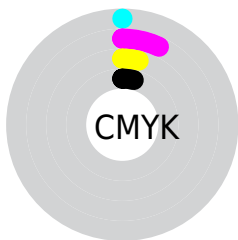
Distribution



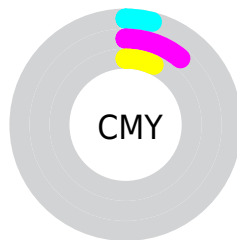
- Red (96%)
- Green (89%)
- Blue (93%)



- Red (96%)
- Yellow (89%)
- Blue (93%)



- Cyan (0%)
- Magenta (7%)
- Yellow (4%)
- Black (4%)





- Cyan (4%)
- Magenta (11%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.1358, 0.3200, 0.3210 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 81.1358, 0.3200, 0.3210 by changing the saturation by 10% instead.

 81.1358, 0.3200,
0.3210

 81.1358, 0.3200,
0.3210

498.7524, 0.3167,
0.3246

 60.6534, 0.3207,
0.3202


134.9614, 0.3189,
0.3222

 43.9455, 0.3216,
0.3192


169.0735, 0.3184,
0.3227

 30.6277, 0.3228,
0.3180


208.4976, 0.3180,
0.3231

 20.3155, 0.3242,
0.3164

253.6181, 0.3177,
0.3235

 12.6246, 0.3262,
0.3143

304.8195, 0.3174,
0.3238

 7.1706, 0.3289,
0.3113

362.4860, 0.3172,

 3.5690, 0.3331,

0.3241

427.0022, 0.3169,
0.3244

0.3068

■ 1.4355, 0.3402,
0.2992

■ 0.2427, 0.3983,
0.2340

■ 81.1358, 0.3200,
0.3210

■ 81.1358, 0.3200,
0.3210

■ 67.7879, 0.3318,
0.3095

■ 96.4773, 0.3103,
0.3319

■ 56.3406, 0.3461,
0.2975

■ 98.3299, 0.3072,
0.3290

■ 46.7096, 0.3633,
0.2855

■ 38.7998, 0.3836,
0.2741

■ 32.5074, 0.4070,
0.2642

■ 27.7174, 0.4333,
0.2570

■ 24.2994, 0.4614,
0.2539

■ 22.1002, 0.4899,
0.2560

■ 20.9211, 0.5169,
0.2635

Harmonies

Analogous

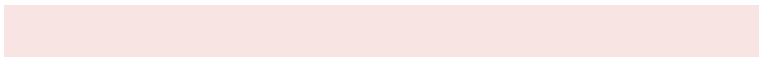
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.1358, 0.3111, 0.3157



81.1358, 0.3200, 0.3210



81.1358, 0.3270, 0.3284

Triad

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



81.1358, 0.3200, 0.3210



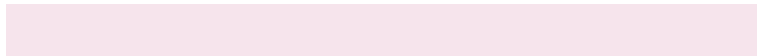
81.1358, 0.3227, 0.3445



81.1358, 0.2956, 0.3216

Complementary

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



81.1358, 0.3200, 0.3210



88.5717, 0.3060, 0.3371

Split Complementary

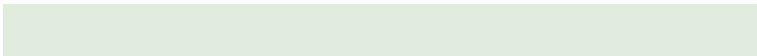
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.1358, 0.2986, 0.3294



81.1358, 0.3200, 0.3210



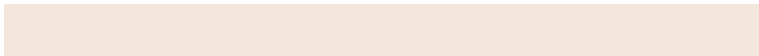
81.1358, 0.3142, 0.3428

Square

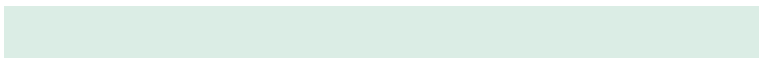
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.1358, 0.3200, 0.3210



81.1358, 0.3286, 0.3420



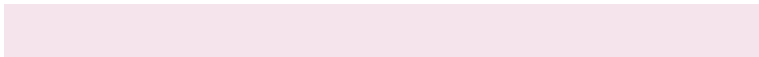
81.1358, 0.3054, 0.3372



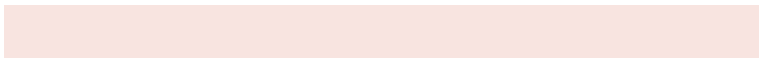
81.1358, 0.2971, 0.3159

Rectangle

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



81.1358, 0.3200, 0.3210



81.1358, 0.3296, 0.3336



81.1358, 0.3054, 0.3372



81.1358, 0.2961, 0.3240

Sweetspot

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



81.1393, 0.3200, 0.3210



96.6076, 0.3146, 0.3268



80.3065, 0.3081, 0.3108



20.7135, 0.3145, 0.3270



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

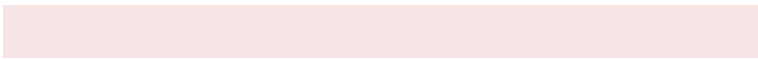
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.1393, 0.3200, 0.3210



85.4259, 0.3219, 0.3191



81.1821, 0.3251, 0.3299



16.6046, 0.3224, 0.3185



11.0756, 0.5199, 0.2638



0.9938, 0.4888, 0.2466

Inverse Universe

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



81.1393, 0.3200, 0.3210



85.4259, 0.3219, 0.3191



88.5054, 0.3014, 0.3281



16.6046, 0.3224, 0.3185



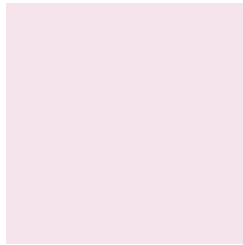
11.0756, 0.5199, 0.2638



0.9938, 0.4888, 0.2466

Previews

White Background



This preview shows how the Yxy color 81.1358, 0.3200, 0.3210 looks on a white background.

Color Contrast Check

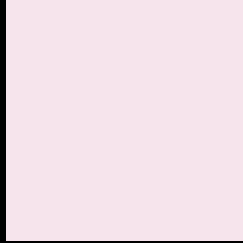
Large Text (above 18pt) WCAG AA × Fail

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 81.1358, 0.3200, 0.3210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

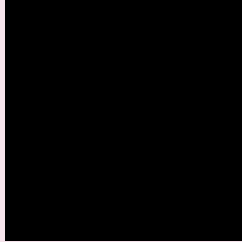
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 81.1358, 0.3200, 0.3210

Background



This preview shows how black text looks on a background with the Yxy color 81.1358, 0.3200, 0.3210.

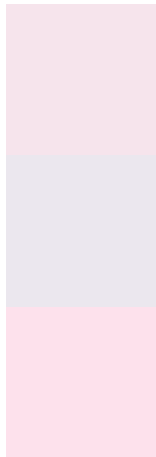


This preview shows how white text looks on a background with the Yxy color 81.1358, 0.3200, 0.3210.

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

81.1358, 0.3200, 0.3210

Protanopia

80.9870, 0.3110, 0.3218

Deuteranopia

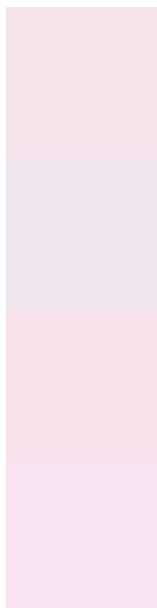
80.7892, 0.3251, 0.3181



Tritanopia

81.2440, 0.3156, 0.3121

Trichromacy



Original Color

81.1358, 0.3200, 0.3210

Protanomaly

81.0588, 0.3144, 0.3219

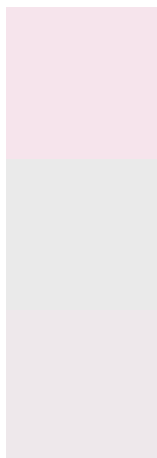
Deuteranomaly

80.7728, 0.3229, 0.3190

Tritanomaly

81.0632, 0.3175, 0.3150

Monochromacy



Original Color

81.1358, 0.3200, 0.3210

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

81.8885, 0.3149, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.1358, 0.3200, 0.3210 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(246, 228, 236)` looks like.

```
.text, #text, p{  
    color:rgb(246, 228, 236)  
}
```

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(246, 228, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 228, 236) }
```

Border

The CSS property to change the border of an element to Yxy 81.1358, 0.3200, 0.3210 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(246, 228, 236) }
```

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

```
.border{ border-color:rgb(246, 228, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 228, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 228, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 228, 236);  
box-shadow:4px 4px 4px 4px rgb(246, 228,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 81.1358, 0.3200, 0.3210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 228, 236) }
```

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

```
.background{ background-color: rgb(246,  
228, 236) }
```

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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