

Converting Colors

$Yxy(80.3383, 0.3271, 0.3268)$

Have a look what the booklet for
Yxy(80.3383, 0.3271, 0.3268)
contains.

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Color

Yxy(80.1896, 0.3269, 0.3260)

Conversions

Conversions Part 1

Format	Color
Hex	F9E2E5
RGB	249, 226, 229
RGB Percent	98%, 89%, 90%
CMY	0.0235, 0.1137, 0.1019
CMYK	0.00, 0.09, 0.08, 0.02
HSL	352°, 66%, 93%
HSV	352°, 9%, 98%
XYZ	80.4110, 80.1896, 85.3798
YIQ	233.2190, 12.7450, 5.8090

Conversions

Conversions Part 2

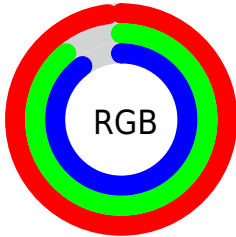
Format	Color
R _Y B	249, 226, 229
Decimal	16376549
CIE Lab	91.77, 8.37, 1.38
CIE LCh	92, 8.480, 9.375
Yxy	80.1896, 0.3269, 0.3260
Android (android.graphics.Color)	4294566629 (0xFF9E2E5)
YUV	233.2190, -2.0800, 13.8399
Hunter-Lab	89.5486, 3.5755, 6.1542

Details

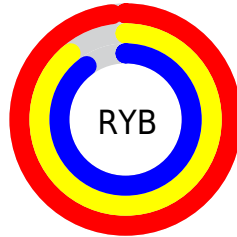
The Yxy color $80.1896, 0.3269, 0.3260$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $90.5819, 0.3001, 0.3320$, and the grayscale version is $81.6716, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $43.3883, 0.3293, 0.3252$ is the 20% darker color. If you saturate the color by 10%, you get $66.4852, 0.3459, 0.3225$, and if you desaturate by 10%, it is $96.0183, 0.3117, 0.3292$.

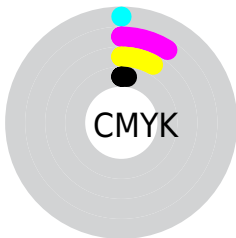
Distribution



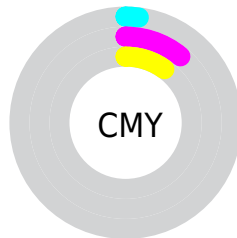
- Red (98%)
- Green (89%)
- Blue (90%)



- Red (98%)
- Yellow (89%)
- Blue (90%)



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





- Cyan (2%)
- Magenta (11%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 80.1896, 0.3269, 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 80.1896, 0.3269, 0.3260 by changing the saturation by 10% instead.


 80.1896, 0.3269,
0.3260

 80.1896, 0.3269,
0.3260

495.5716, 0.3204,
0.3274

 59.8744, 0.3284,
0.3257


133.6323, 0.3247,
0.3265

 43.3174, 0.3301,
0.3253


167.5285, 0.3238,
0.3267

 30.1342, 0.3324,
0.3248


206.7206, 0.3231,
0.3268

 19.9405, 0.3353,
0.3241

251.5928, 0.3224,
0.3270

 12.3518, 0.3393,
0.3232

302.5296, 0.3218,
0.3271

 6.9837, 0.3448,
0.3220

359.9154, 0.3213,

 3.4519, 0.3534,

0.3272

0.3199

424.1346, 0.3208,
0.3273

■ 1.3720, 0.3682,
0.3163

■ 0.1959, 0.5553,
0.2786

■ 80.1896, 0.3269,
0.3260

■ 80.1896, 0.3269,
0.3260

■ 66.4852, 0.3459,
0.3225

■ 96.0183, 0.3117,
0.3292

■ 54.8046, 0.3694,
0.3190

■ 98.8822, 0.3090,
0.3290

■ 45.0550, 0.3984,
0.3155

■ 37.1321, 0.4333,
0.3124

■ 30.9220, 0.4738,
0.3103

■ 26.2976, 0.5180,
0.3099

■ 23.1143, 0.5616,
0.3117

■ 21.2011, 0.5989,
0.3161

■ 20.3003, 0.6245,
0.3219

Harmonies

Analogous

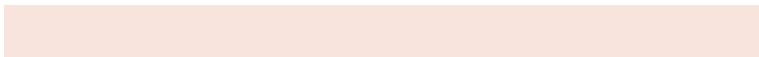
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.1896, 0.3183, 0.3182



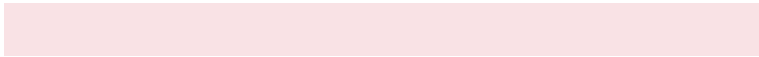
80.1896, 0.3269, 0.3260



80.1896, 0.3317, 0.3346

Triad

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



80.1896, 0.3269, 0.3260



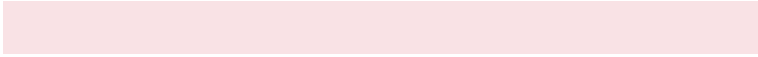
80.1896, 0.3170, 0.3454



80.1896, 0.2944, 0.3158

Complementary

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



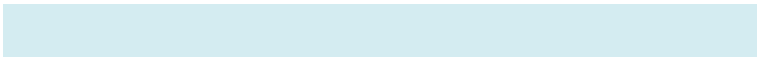
80.1896, 0.3269, 0.3260



90.5819, 0.3001, 0.3320

Split Complementary

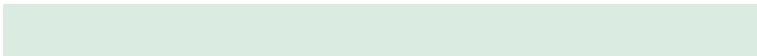
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.1896, 0.2941, 0.3229



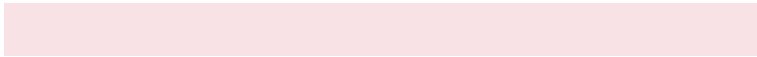
80.1896, 0.3269, 0.3260



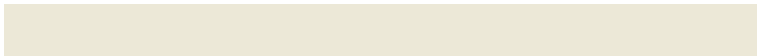
80.1896, 0.3070, 0.3402

Square

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



80.1896, 0.3269, 0.3260



80.1896, 0.3259, 0.3460



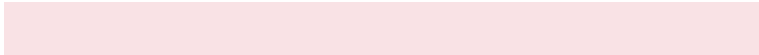
80.1896, 0.2987, 0.3319



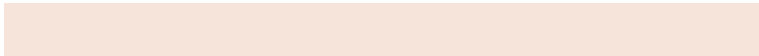
80.1896, 0.2995, 0.3123

Rectangle

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



80.1896, 0.3269, 0.3260



80.1896, 0.3321, 0.3398



80.1896, 0.2987, 0.3319



80.1896, 0.2937, 0.3178

Sweetspot

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



80.1931, 0.3269, 0.3260



94.7950, 0.3170, 0.3281



80.8161, 0.3117, 0.3061



19.9998, 0.3182, 0.3278



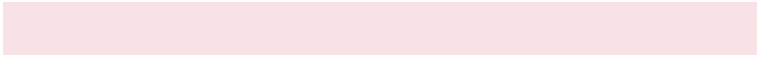
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

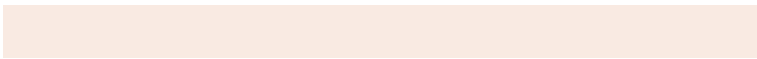
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.1931, 0.3269, 0.3260



81.9193, 0.3300, 0.3254



84.7287, 0.3280, 0.3375



17.2622, 0.3273, 0.3259



10.8495, 0.6234, 0.3208



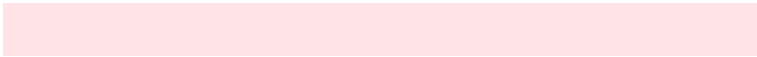
1.0160, 0.5968, 0.3061

Inverse Universe

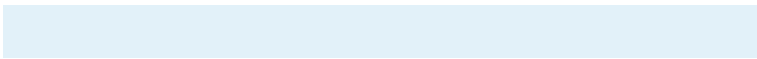
The Inverse Universe completely reimagines the original color for something new.



80.1931, 0.3269, 0.3260



81.9193, 0.3300, 0.3254



85.6685, 0.2984, 0.3203



17.2622, 0.3273, 0.3259



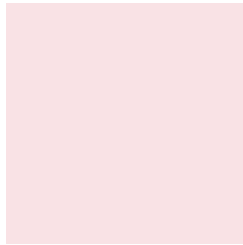
10.8495, 0.6234, 0.3208



1.0160, 0.5968, 0.3061

Previews

White Background



This preview shows how the Yxy color 80.1896, 0.3269, 0.3260 looks on a white background.

Color Contrast Check

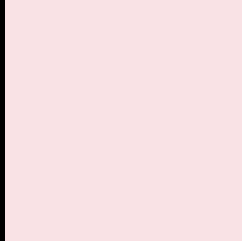
Large Text (above 18pt) WCAG AA × Fail

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 80.1896, 0.3269, 0.3260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

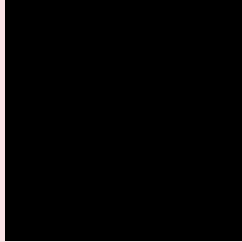
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

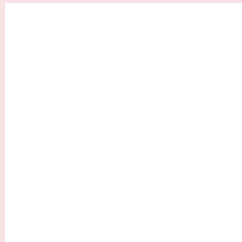
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 80.1896, 0.3269, 0.3260

Background



This preview shows how black text looks on a background with the Yxy color 80.1896, 0.3269, 0.3260.

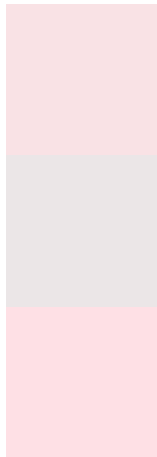


This preview shows how white text looks on a background with the Yxy color 80.1896, 0.3269, 0.3260.

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

80.1896, 0.3269, 0.3260

Protanopia

80.0253, 0.3155, 0.3280

Deuteranopia

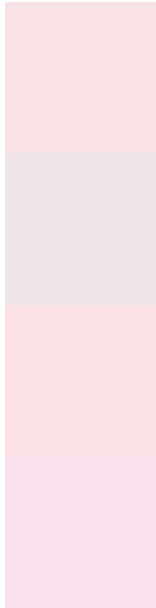
80.0393, 0.3307, 0.3241



Tritanopia

80.2313, 0.3198, 0.3112

Trichromacy



Original Color

80.1896, 0.3269, 0.3260

Protanomaly

80.2771, 0.3197, 0.3280

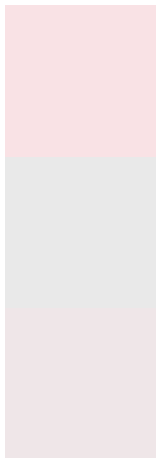
Deuteranomaly

80.2030, 0.3291, 0.3250

Tritanomaly

80.2888, 0.3224, 0.3170

Monochromacy



Original Color

80.1896, 0.3269, 0.3260

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

80.7705, 0.3176, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.1896, 0.3269, 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(249, 226, 229) looks like.

```
.text, #text, p{  
    color:rgb(249, 226, 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(249, 226, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 226, 229) }
```

Border

The CSS property to change the border of an element to Yxy 80.1896, 0.3269, 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(249, 226, 229) }
```

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

```
.border{ border-color:rgb(249, 226, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 226, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 226, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 226, 229);  
box-shadow:4px 4px 4px 4px rgb(249, 226,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 80.1896, 0.3269, 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(249, 226, 229) }
```

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

```
.background{ background-color: rgb(249,  
226, 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](#).

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