

Converting Colors

$Yxy(80.1838, 0.3293, 0.3253)$

Have a look what the booklet for
Yxy(80.1838, 0.3293, 0.3253)
contains.

Yxy(80.2030, 0.3291, 0.3250)	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(80.2030, 0.3291, 0.3250)

Conversions

Conversions Part 1

Format	Color
Hex	FCE1E5
RGB	252, 225, 229
RGB Percent	99%, 88%, 90%
CMY	0.0118, 0.1176, 0.1018
CMYK	0.00, 0.11, 0.09, 0.01
HSL	351°, 82%, 94%
HSV	351°, 11%, 99%
XYZ	81.2148, 80.2030, 85.3607
YIQ	233.5290, 14.8080, 6.9680

Conversions

Conversions Part 2

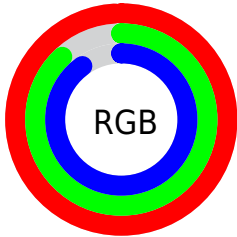
Format	Color
R _Y B	252, 225, 229
Decimal	16572901
CIE Lab	91.78, 9.91, 1.41
CIE LCh	92, 10.011, 8.071
Yxy	80.2030, 0.3291, 0.3250
Android (android.graphics.Color)	4294762981 (0xFFFC E1E5)
YUV	233.5290, -2.2328, 16.1991
Hunter-Lab	89.5561, 5.1511, 6.1769

Details

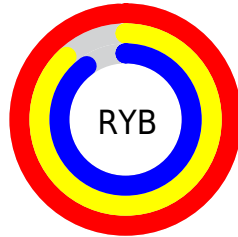
The Yxy color $80.2030, 0.3291, 0.3250$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $92.3972, 0.2984, 0.3330$, and the grayscale version is $81.9168, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $43.4075, 0.3322, 0.3239$ is the 20% darker color. If you saturate the color by 10%, you get $66.4478, 0.3483, 0.3210$, and if you desaturate by 10%, it is $96.1236, 0.3137, 0.3287$.

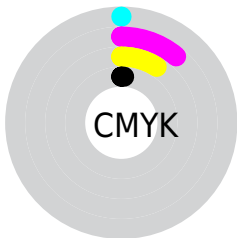
Distribution



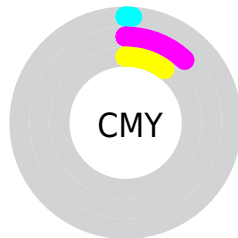
- Red (99%)
- Green (88%)
- Blue (90%)



- Red (99%)
- Yellow (88%)
- Blue (90%)



- Cyan (0%)
- Magenta (11%)
- Yellow (9%)
- Black (1%)





- Cyan (1%)
- Magenta (12%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 80.2030, 0.3291, 0.3250 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 80.2030, 0.3291, 0.3250 by changing the saturation by 10% instead.

 80.2030, 0.3291,
0.3250

 80.2030, 0.3291,
0.3250


495.6167, 0.3216,
0.3269

 59.8854, 0.3308,
0.3246


133.6511, 0.3265,
0.3256

 43.3263, 0.3328,
0.3241


167.5504, 0.3255,
0.3259

 30.1412, 0.3354,
0.3234


206.7457, 0.3247,
0.3261

 19.9458, 0.3388,
0.3225

251.6215, 0.3239,
0.3263

 12.3556, 0.3434,
0.3213

302.5621, 0.3232,
0.3265

 6.9864, 0.3498,
0.3196

359.9519, 0.3226,

 3.4536, 0.3597,

0.3266

0.3170

424.1753, 0.3221,
0.3267

■ 1.3729, 0.3768,
0.3123

■ 0.1966, 0.5785,
0.2652

■ 80.2030, 0.3291,
0.3250

■ 80.2030, 0.3291,
0.3250

■ 66.4478, 0.3483,
0.3210

■ 96.1236, 0.3137,
0.3287

■ 54.7542, 0.3720,
0.3169

■ 99.4336, 0.3109,
0.3290

■ 45.0260, 0.4012,
0.3129

■ 37.1548, 0.4362,
0.3095

■ 31.0222, 0.4765,
0.3072

■ 26.4955, 0.5201,
0.3069

■ 23.4233, 0.5629,
0.3093

■ 21.6247, 0.5991,
0.3144

■ 20.8317, 0.6227,
0.3204

Harmonies

Analogous

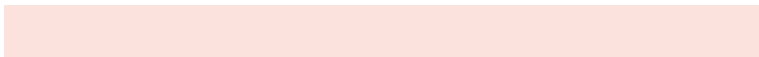
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.2030, 0.3187, 0.3160



80.2030, 0.3291, 0.3250



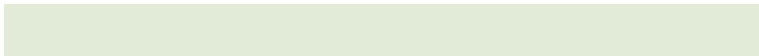
80.2030, 0.3351, 0.3352

Triad

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



80.2030, 0.3291, 0.3250



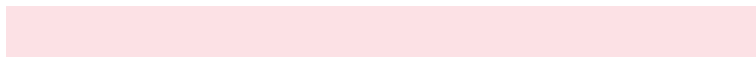
80.2030, 0.3182, 0.3485



80.2030, 0.2910, 0.3137

Complementary

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



80.2030, 0.3291, 0.3250



92.3972, 0.2984, 0.3330

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.



80.2030, 0.2909, 0.3222



80.2030, 0.3291, 0.3250



80.2030, 0.3065, 0.3426

Square

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



80.2030, 0.3291, 0.3250



80.2030, 0.3287, 0.3490



80.2030, 0.2965, 0.3328



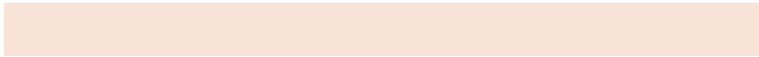
80.2030, 0.2968, 0.3094

Rectangle

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



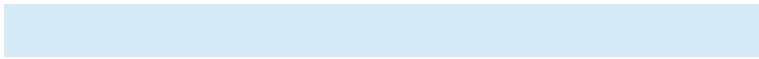
80.2030, 0.3291, 0.3250



80.2030, 0.3357, 0.3414



80.2030, 0.2965, 0.3328



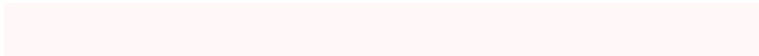
80.2030, 0.2903, 0.3161

Sweetspot

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



80.2065, 0.3291, 0.3250



94.8039, 0.3169, 0.3279



80.8269, 0.3112, 0.3024



20.0022, 0.3181, 0.3276



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

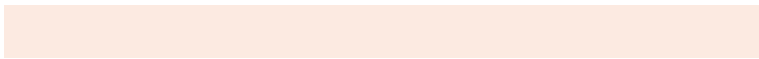
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.2065, 0.3291, 0.3250



78.9586, 0.3331, 0.3241



85.2323, 0.3307, 0.3385



17.2675, 0.3270, 0.3255



10.8655, 0.6197, 0.3187



1.0185, 0.5913, 0.3031

Inverse Universe

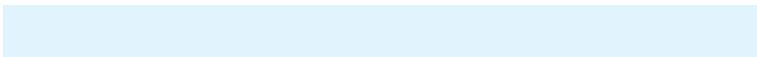
The Inverse Universe completely reimagines the original color for something new.



80.2065, 0.3291, 0.3250



78.9586, 0.3331, 0.3241



86.8655, 0.2961, 0.3193



17.2675, 0.3270, 0.3255



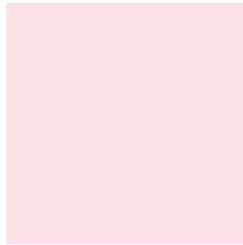
10.8655, 0.6197, 0.3187



1.0185, 0.5913, 0.3031

Previews

White Background



This preview shows how the Yxy color 80.2030, 0.3291, 0.3250 looks on a white background.

Color Contrast Check

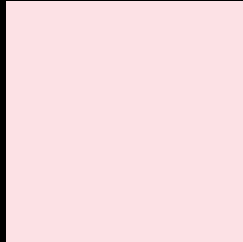
Large Text (above 18pt) WCAG AA × Fail

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 80.2030, 0.3291, 0.3250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

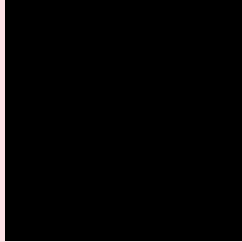
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 80.2030, 0.3291, 0.3250

Background



This preview shows how black text looks on a background with the Yxy color 80.2030, 0.3291, 0.3250.

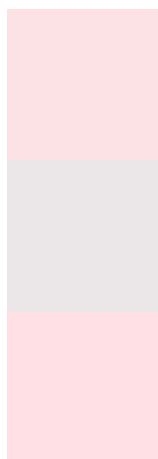


This preview shows how white text looks on a background with the Yxy color 80.2030, 0.3291, 0.3250.

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

80.2030, 0.3291, 0.3250

Protanopia

80.0820, 0.3149, 0.3269

Deuteranopia

80.2285, 0.3314, 0.3241



Tritanopia

80.1971, 0.3227, 0.3113

Trichromacy



Original Color

80.2030, 0.3291, 0.3250

Protanomaly

79.9571, 0.3198, 0.3260

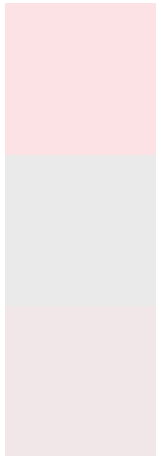
Deuteranomaly

80.0393, 0.3307, 0.3241

Tritanomaly

80.3084, 0.3246, 0.3161

Monochromacy



Original Color

80.2030, 0.3291, 0.3250

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

81.6788, 0.3189, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.2030, 0.3291, 0.3250 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(252, 225, 229)` looks like.

```
.text, #text, p{  
    color:rgb(252, 225, 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(252, 225, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 225, 229) }
```

Border

The CSS property to change the border of an element to Yxy 80.2030, 0.3291, 0.3250 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(252, 225, 229) }
```

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

```
.border{ border-color:rgb(252, 225, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 225, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 225, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 225, 229);  
box-shadow:4px 4px 4px 4px rgb(252, 225,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 80.2030, 0.3291, 0.3250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 225, 229) }
```

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

```
.background{ background-color: rgb(252,  
225, 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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