

Converting Colors

$Y_{xy}(79.2403, 0.3280, 0.3210)$

Have a look what the booklet for
Yxy(79.2403, 0.3280, 0.3210)
contains.

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Color

Yxy(79.2403, 0.3280, 0.3210)

Conversions

Conversions Part 1

Format	Color
Hex	FCDFE7
RGB	252, 223, 231
RGB Percent	99%, 87%, 91%
CMY	0.0116, 0.1255, 0.0940
CMYK	0.00, 0.12, 0.08, 0.01
HSL	343°, 83%, 93%
HSV	343°, 12%, 99%
XYZ	80.9683, 79.2403, 86.6459
YIQ	232.5830, 14.7160, 8.6360

Conversions

Conversions Part 2

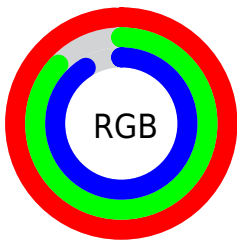
Format	Color
R _Y B	252, 223, 231
Decimal	16572391
CIE Lab	91.34, 11.30, -0.26
CIE LCh	91, 11.300, 358.672
Yxy	79.2403, 0.3280, 0.3210
Android (android.graphics.Color)	4294762471 (0xFFFCDFE7)
YUV	232.5830, -0.7804, 17.0287
Hunter-Lab	89.0170, 6.5806, 4.6012

Details

The Yxy color $79.2403, 0.3280, 0.3210$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $91.8617, 0.2994, 0.3372$, and the grayscale version is $81.1592, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $42.7025, 0.3316, 0.3201$ is the 20% darker color. If you saturate the color by 10%, you get $65.7869, 0.3446, 0.3136$, and if you desaturate by 10%, it is $94.8125, 0.3145, 0.3280$.

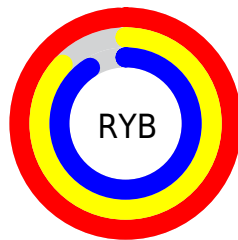
Distribution



Red (99%)

Green (87%)

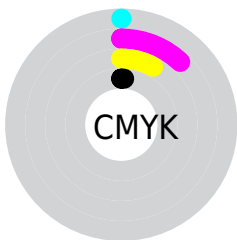
Blue (91%)



Red (99%)

Yellow (87%)

Blue (91%)

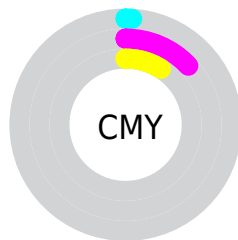


Cyan (0%)

Magenta (12%)

Yellow (8%)

Black (1%)



Cyan (1%)


Magenta (13%)

Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.2403, 0.3280, 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 79.2403, 0.3280, 0.3210 by changing the saturation by 10% instead.

 79.2403, 0.3280,
0.3210

 79.2403, 0.3280,
0.3210


492.3689, 0.3210,
0.3247

 59.0934, 0.3296,
0.3202

132.2971, 0.3256,
0.3223

 42.6883, 0.3315,
0.3192

165.9758, 0.3247,
0.3227

 29.6406, 0.3339,
0.3179


204.9339, 0.3239,
0.3232

 19.5660, 0.3371,
0.3163

249.5557, 0.3231,
0.3235

 12.0800, 0.3413,
0.3140

300.2258, 0.3225,
0.3239

 6.7982, 0.3473,
0.3109

357.3284, 0.3220,

 3.3362, 0.3566,

0.3242

0.3061

421.2480, 0.3215,
0.3244

■ 1.3097, 0.3725,
0.2978

■ 0.1487, 0.5591,
0.1993

■ 79.2403, 0.3280,
0.3210

■ 79.2403, 0.3280,
0.3210

■ 65.7869, 0.3446,
0.3136

■ 94.8125, 0.3145,
0.3280

■ 54.3503, 0.3650,
0.3060

■ 99.4421, 0.3109,
0.3290

■ 44.8357, 0.3897,
0.2986

■ 37.1366, 0.4192,
0.2919

■ 31.1360, 0.4532,
0.2871

■ 26.7031, 0.4905,
0.2851

■ 23.6879, 0.5286,
0.2870

■ 21.9104, 0.5638,
0.2936

■ 21.1407, 0.5889,
0.3018

Harmonies

Analogous

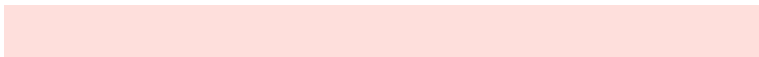
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.2403, 0.3153, 0.3118



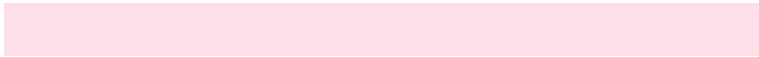
79.2403, 0.3280, 0.3210



79.2403, 0.3366, 0.3324

Triad

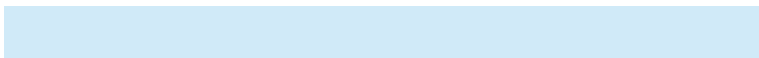
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.2403, 0.3280, 0.3210



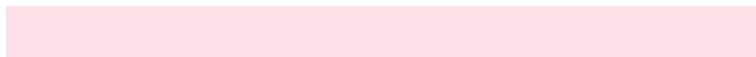
79.2403, 0.3230, 0.3521



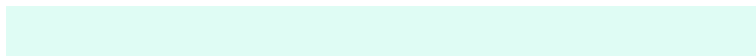
79.2403, 0.2874, 0.3142

Complementary

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



79.2403, 0.3280, 0.3210



91.8617, 0.2994, 0.3372

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.



79.2403, 0.2894, 0.3249



79.2403, 0.3280, 0.3210



79.2403, 0.3097, 0.3471

Square

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



79.2403, 0.3280, 0.3210



79.2403, 0.3337, 0.3505



79.2403, 0.2975, 0.3371



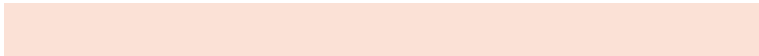
79.2403, 0.2920, 0.3077

Rectangle

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



79.2403, 0.3280, 0.3210



79.2403, 0.3388, 0.3398



79.2403, 0.2975, 0.3371



79.2403, 0.2873, 0.3174

Sweetspot

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



79.2438, 0.3280, 0.3210



94.8645, 0.3163, 0.3270



78.9998, 0.3084, 0.3000



20.0185, 0.3174, 0.3264



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

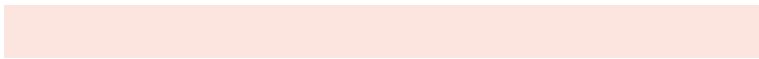
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.2438, 0.3280, 0.3210



77.7466, 0.3318, 0.3192



82.2255, 0.3327, 0.3354



17.3041, 0.3250, 0.3225



11.0302, 0.5847, 0.2995



1.0387, 0.5512, 0.2810

Inverse Universe

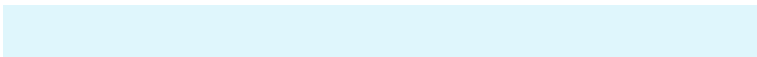
The Inverse Universe completely reimagines the original color for something new.



79.2438, 0.3280, 0.3210



77.7466, 0.3318, 0.3192



88.4723, 0.2949, 0.3225



17.3041, 0.3250, 0.3225



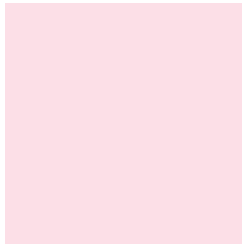
11.0302, 0.5847, 0.2995



1.0387, 0.5512, 0.2810

Previews

White Background



This preview shows how the Yxy color 79.2403, 0.3280, 0.3210 looks on a white background.

Color Contrast Check

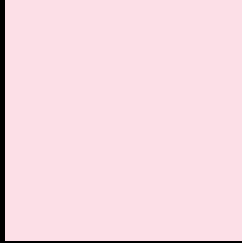
Large Text (above 18pt) WCAG AA × Fail

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 79.2403, 0.3280, 0.3210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

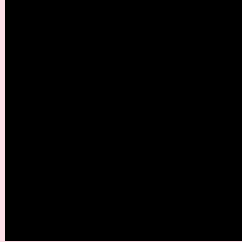
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.2403, 0.3280, 0.3210

Background



This preview shows how black text looks on a background with the Yxy color 79.2403, 0.3280, 0.3210.

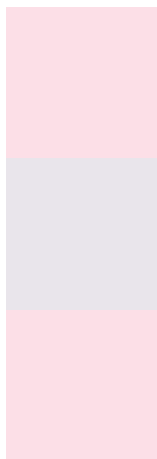


This preview shows how white text looks on a background with the Yxy color 79.2403, 0.3280, 0.3210.

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

79.2403, 0.3280, 0.3210

Protanopia

79.3604, 0.3116, 0.3228

Deuteranopia

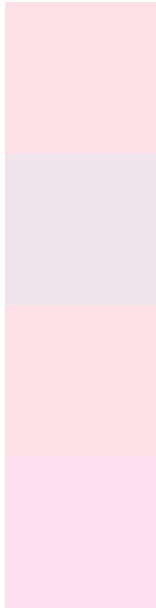
79.2403, 0.3280, 0.3210



Tritanopia

79.3572, 0.3234, 0.3122

Trichromacy



Original Color

79.2403, 0.3280, 0.3210

Protanomaly

79.4039, 0.3172, 0.3219

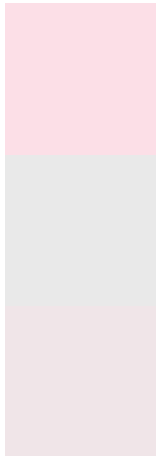
Deuteranomaly

79.2403, 0.3280, 0.3210

Tritanomaly

79.1813, 0.3254, 0.3151

Monochromacy



Original Color

79.2403, 0.3280, 0.3210

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

80.3901, 0.3184, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.2403, 0.3280, 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(252, 223, 231)` looks like.

```
.text, #text, p{  
    color:rgb(252, 223, 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(252, 223, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 223, 231) }
```

Border

The CSS property to change the border of an element to Yxy 79.2403, 0.3280, 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(252, 223, 231) }
```

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

```
.border{ border-color:rgb(252, 223, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 223, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 223, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 223, 231);  
box-shadow:4px 4px 4px 4px rgb(252, 223,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 79.2403, 0.3280, 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(252, 223, 231) }
```

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

```
.background{ background-color: rgb(252,  
223, 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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