

Converting Colors

$Y_{xy}(88.8227, 0.3532, 0.3154)$

Have a look what the booklet for
Yxy(88.8227, 0.3532, 0.3154)
contains.

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Color

Yxy(80.2673, 0.3247, 0.3132)

Conversions

Conversions Part 1

Format	Color
Hex	FFDFEF
RGB	255, 223, 239
RGB Percent	100%, 87%, 94%
CMY	0.0000, 0.1255, 0.0626
CMYK	0.00, 0.13, 0.06, 0.00
HSL	330°, 100%, 94%
HSV	330°, 13%, 100%
XYZ	83.2145, 80.2673, 92.7995
YIQ	234.3920, 13.9360, 11.7600

Conversions

Conversions Part 2

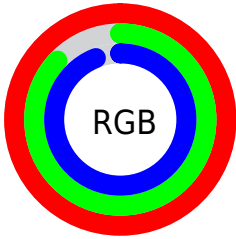
Format	Color
R _Y B	255, 223, 239
Decimal	16769007
CIE Lab	91.80, 13.65, -3.75
CIE LCh	92, 14.157, 344.626
Yxy	80.2673, 0.3247, 0.3132
Android (android.graphics.Color)	4294959087 (0xFFFFDFEF)
YUV	234.3920, 2.2717, 18.0732
Hunter-Lab	89.5920, 9.0077, 1.3018

Details

The Yxy color $80.2673, 0.3247, 0.3132$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $93.4372, 0.3022, 0.3454$, and the grayscale version is $82.5685, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $43.4299, 0.3273, 0.3101$ is the 20% darker color. If you saturate the color by 10%, you get $66.9282, 0.3365, 0.2999$, and if you desaturate by 10%, it is $95.7148, 0.3149, 0.3259$.

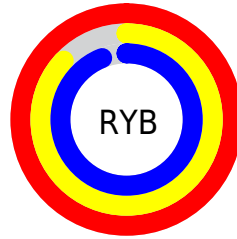
Distribution



Red (100%)

Green (87%)

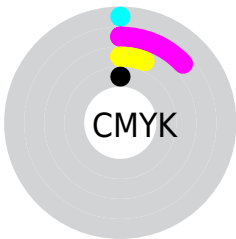
Blue (94%)



Red (100%)

Yellow (87%)

Blue (94%)

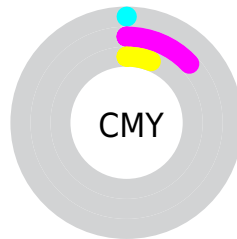


Cyan (0%)

Magenta (13%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (13%)

Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 80.2673, 0.3247, 0.3132 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 80.2673, 0.3247, 0.3132 by changing the saturation by 10% instead.

 80.2673, 0.3247,
0.3132

 80.2673, 0.3247,
0.3132

495.8332, 0.3193,
0.3203

 59.9383, 0.3259,
0.3116


133.7415, 0.3229,
0.3156

 43.3689, 0.3274,
0.3097


167.6555, 0.3221,
0.3166

 30.1747, 0.3292,
0.3073


206.8666, 0.3215,
0.3174

 19.9712, 0.3316,
0.3042


251.7593, 0.3209,
0.3181

 12.3741, 0.3348,
0.3001

302.7179, 0.3205,
0.3188

 6.9990, 0.3392,
0.2944

360.1268, 0.3200,

 3.4615, 0.3459,

0.3193

0.2859

424.3705, 0.3196,
0.3198

■ 1.3771, 0.3571,
0.2718

■ 0.1998, 0.4349,
0.1661

■ 80.2673, 0.3247,
0.3132

■ 80.2673, 0.3247,
0.3132

■ 66.9282, 0.3365,
0.2999

■ 95.7148, 0.3149,
0.3259

■ 55.5996, 0.3506,
0.2863

100.0000, 0.3127,
0.3290

■ 46.1838, 0.3673,
0.2730

■ 38.5728, 0.3867,
0.2609

■ 32.6477, 0.4086,
0.2509

■ 28.2753, 0.4325,
0.2445

■ 25.3016, 0.4574,
0.2428

■ 23.5407, 0.4820,
0.2466

■ 22.8142, 0.4996,
0.2526

Harmonies

Analogous

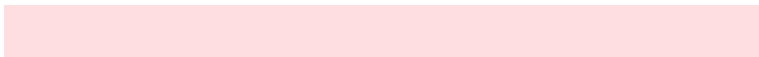
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.2673, 0.3080, 0.3041



80.2673, 0.3247, 0.3132



80.2673, 0.3384, 0.3263

Triad

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



80.2673, 0.3247, 0.3132



80.2673, 0.3324, 0.3579



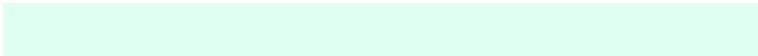
80.2673, 0.2814, 0.3161

Complementary

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



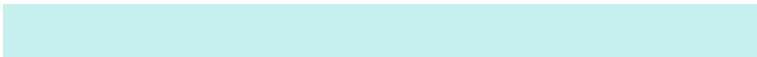
80.2673, 0.3247, 0.3132



93.4372, 0.3022, 0.3454

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.



80.2673, 0.2875, 0.3309



80.2673, 0.3247, 0.3132



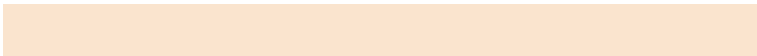
80.2673, 0.3168, 0.3556

Square

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



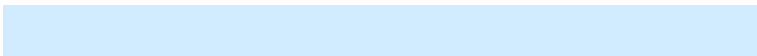
80.2673, 0.3247, 0.3132



80.2673, 0.3429, 0.3521



80.2673, 0.3004, 0.3456



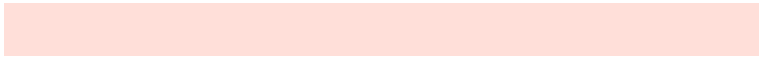
80.2673, 0.2833, 0.3054

Rectangle

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



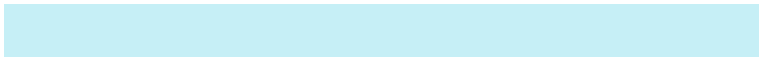
80.2673, 0.3247, 0.3132



80.2673, 0.3439, 0.3359



80.2673, 0.3004, 0.3456



80.2673, 0.2826, 0.3208

Sweetspot

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



80.2691, 0.3247, 0.3132



93.3406, 0.3162, 0.3241



78.2525, 0.3029, 0.2969



19.7190, 0.3169, 0.3232



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

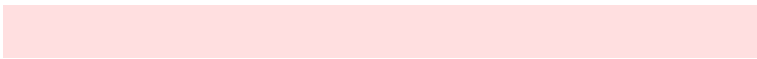
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.2691, 0.3247, 0.3132



76.8087, 0.3274, 0.3100



79.3911, 0.3353, 0.3285



18.1390, 0.3215, 0.3171



11.9511, 0.4959, 0.2505



1.1857, 0.4705, 0.2366

Inverse Universe

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



80.2691, 0.3247, 0.3132



76.8087, 0.3274, 0.3100



94.3935, 0.2937, 0.3295



18.1390, 0.3215, 0.3171



11.9511, 0.4959, 0.2505



1.1857, 0.4705, 0.2366

Previews

White Background



This preview shows how the Yxy color 80.2673, 0.3247, 0.3132 looks on a white background.

Color Contrast Check

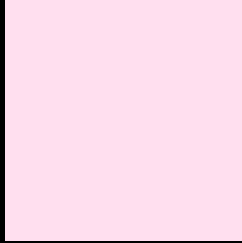
Large Text (above 18pt) WCAG AA × Fail

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 80.2673, 0.3247, 0.3132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

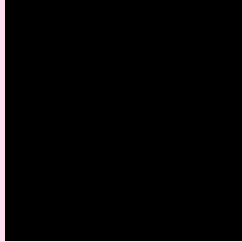
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 80.2673, 0.3247, 0.3132

Background



This preview shows how black text looks on a background with the Yxy color 80.2673, 0.3247, 0.3132.



This preview shows how white text looks on a background with the Yxy color 80.2673, 0.3247, 0.3132.

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

80.2673, 0.3247, 0.3132

Protanopia

80.2205, 0.3059, 0.3156

Deuteranopia

80.5917, 0.3217, 0.3151



Tritanopia

80.3266, 0.3240, 0.3123

Trichromacy



Original Color

80.2673, 0.3247, 0.3132

Protanomaly

79.8742, 0.3121, 0.3138

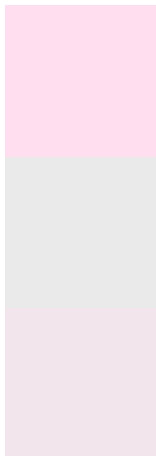
Deuteranomaly

80.2388, 0.3225, 0.3141

Tritanomaly

80.3266, 0.3240, 0.3123

Monochromacy



Original Color

80.2673, 0.3247, 0.3132

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

81.5270, 0.3171, 0.3229

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.2673, 0.3247, 0.3132 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(255, 223, 239)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 239)  
}
```

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(255, 223, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 239) }
```

Border

The CSS property to change the border of an element to Yxy 80.2673, 0.3247, 0.3132 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(255, 223, 239) }
```

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

```
.border{ border-color:rgb(255, 223, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 223, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 239);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 80.2673, 0.3247, 0.3132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 223, 239) }
```

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

```
.background{ background-color: rgb(255,  
223, 239) }
```

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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