

Converting Colors

$Y_{xy}(80.9355, 0.3252, 0.3151)$

Have a look what the booklet for
Yxy(80.9355, 0.3252, 0.3151)
contains.

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Color

Yxy(80.7444, 0.3253, 0.3152)

Conversions

Conversions Part 1

Format	Color
Hex	FFE0EE
RGB	255, 224, 238
RGB Percent	100%, 88%, 93%
CMY	0.0000, 0.1216, 0.0666
CMYK	0.00, 0.12, 0.07, 0.00
HSL	333°, 100%, 94%
HSV	333°, 12%, 100%
XYZ	83.3317, 80.7444, 92.0927
YIQ	234.8650, 13.9820, 10.9260

Conversions

Conversions Part 2

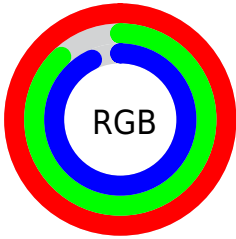
Format	Color
R_{YB}	255, 224, 238
Decimal	16769262
CIE _{Lab}	92.02, 12.96, -2.90
CIE _{LCh}	92, 13.277, 347.370
Yxy	80.7444, 0.3253, 0.3152
Android (android.graphics.Color)	4294959342 (0xFFFFE0EE)
YUV	234.8650, 1.5456, 17.6584
Hunter-Lab	89.8579, 8.2846, 2.1360

Details

The Yxy color **80.7444, 0.3253, 0.3152** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93.7177, 0.3017, 0.3432**, and the grayscale version is **82.9513, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.7591, 0.3281, 0.3127** is the 20% darker color. If you saturate the color by 10%, you get **67.2623, 0.3381, 0.3032**, and if you desaturate by 10%, it is **96.3498, 0.3147, 0.3266**.

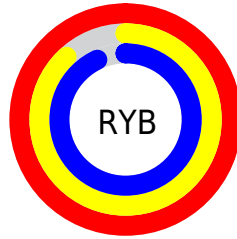
Distribution



Red (100%)

Green (88%)

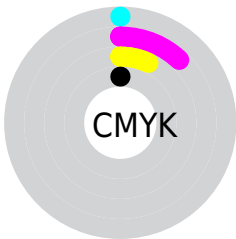
Blue (93%)



Red (100%)

Yellow (88%)

Blue (93%)

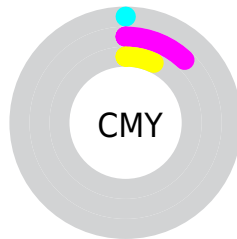


Cyan (0%)

Magenta (12%)

Yellow (7%)

Black (0%)



Cyan (0%)

Magenta (12%)

Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 80.7444, 0.3253, 0.3152 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 80.7444, 0.3253, 0.3152 by changing the saturation by 10% instead.


 80.7444, 0.3253,
0.3152

 80.7444, 0.3253,
0.3152

497.4380, 0.3196,
0.3214

 60.3311, 0.3266,
0.3138


134.4118, 0.3234,
0.3173

 43.6856, 0.3281,
0.3121


168.4347, 0.3226,
0.3182

 30.4234, 0.3301,
0.3100


207.7630, 0.3219,
0.3189

 20.1602, 0.3326,
0.3073

252.7809, 0.3213,
0.3195

 12.5115, 0.3359,
0.3037

303.8730, 0.3208,
0.3201

 7.0931, 0.3406,
0.2987

361.4236, 0.3204,

 3.5204, 0.3477,

0.3206

0.2912

425.8172, 0.3200,
0.3210

1.4091, 0.3597,
0.2787

0.2234, 0.4412,
0.1864

80.7444, 0.3253,
0.3152

80.7444, 0.3253,
0.3152

67.2623, 0.3381,
0.3032

96.3498, 0.3147,
0.3266

55.8047, 0.3535,
0.2909

100.0000, 0.3127,
0.3290

46.2740, 0.3719,
0.2788

38.5622, 0.3934,
0.2678

■ 32.5506, 0.4179,
0.2589

■ 28.1059, 0.4448,
0.2534

■ 25.0749, 0.4729,
0.2526

■ 23.2729, 0.5004,
0.2572

■ 22.5042, 0.5208,
0.2642

Harmonies

Analogous

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



80.7444, 0.3097, 0.3062



80.7444, 0.3253, 0.3152



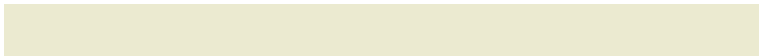
80.7444, 0.3377, 0.3278

Triad

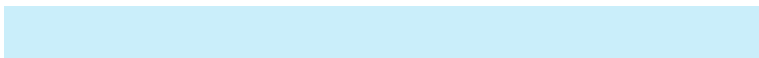
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.7444, 0.3253, 0.3152



80.7444, 0.3299, 0.3562



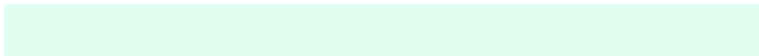
80.7444, 0.2832, 0.3159

Complementary

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



80.7444, 0.3253, 0.3152



93.7177, 0.3017, 0.3432

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.



80.7444, 0.2883, 0.3295



80.7444, 0.3253, 0.3152



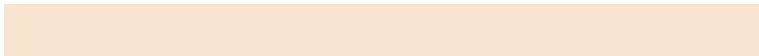
80.7444, 0.3151, 0.3533

Square

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



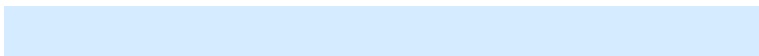
80.7444, 0.3253, 0.3152



80.7444, 0.3403, 0.3514



80.7444, 0.2999, 0.3434



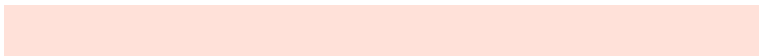
80.7444, 0.2857, 0.3063

Rectangle

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



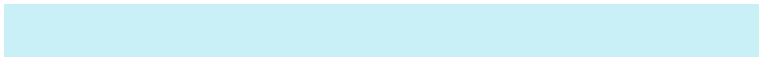
80.7444, 0.3253, 0.3152



80.7444, 0.3423, 0.3367



80.7444, 0.2999, 0.3434



80.7444, 0.2841, 0.3201

Sweetspot

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



80.7465, 0.3253, 0.3152



93.3091, 0.3165, 0.3246



79.1514, 0.3043, 0.2980



19.7111, 0.3173, 0.3237



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

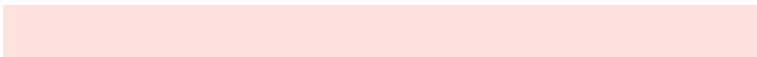
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.7465, 0.3253, 0.3152



76.6998, 0.3287, 0.3118



80.5116, 0.3347, 0.3301



18.1236, 0.3223, 0.3183



11.7881, 0.5168, 0.2620



1.1694, 0.4888, 0.2466

Inverse Universe

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



80.7465, 0.3253, 0.3152



76.6998, 0.3287, 0.3118



93.9302, 0.2940, 0.3279



18.1236, 0.3223, 0.3183



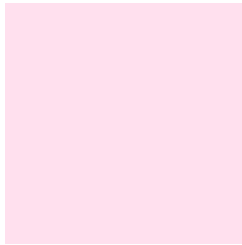
11.7881, 0.5168, 0.2620



1.1694, 0.4888, 0.2466

Previews

White Background



This preview shows how the Yxy color 80.7444, 0.3253, 0.3152 looks on a white background.

Color Contrast Check

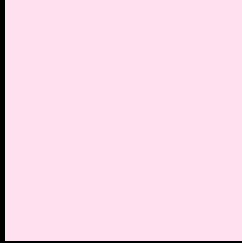
Large Text (above 18pt) WCAG AA × Fail

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 80.7444, 0.3253, 0.3152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

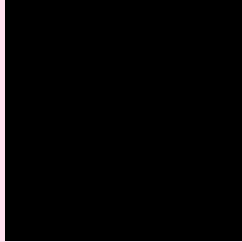
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 80.7444, 0.3253, 0.3152

Background



This preview shows how black text looks on a background with the Yxy color 80.7444, 0.3253, 0.3152.

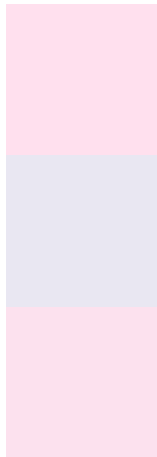


This preview shows how white text looks on a background with the Yxy color 80.7444, 0.3253, 0.3152.

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

80.7444, 0.3253, 0.3152

Protanopia

80.8863, 0.3072, 0.3177

Deuteranopia

80.7189, 0.3231, 0.3161



Tritanopia

80.9222, 0.3233, 0.3123

Trichromacy



Original Color

80.7444, 0.3253, 0.3152

Protanomaly

80.5385, 0.3133, 0.3159

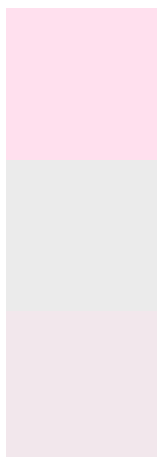
Deuteranomaly

80.9061, 0.3238, 0.3162

Tritanomaly

80.8626, 0.3240, 0.3133

Monochromacy



Original Color

80.7444, 0.3253, 0.3152

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

82.0852, 0.3170, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.7444, 0.3253, 0.3152 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, 224, 238)` looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 238)  
}
```

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, 224, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 238) }
```

Border

The CSS property to change the border of an element to Yxy 80.7444, 0.3253, 0.3152 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, 224, 238) }
```

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

```
.border{ border-color:rgb(255, 224, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 224, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 238);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 80.7444, 0.3253, 0.3152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 224, 238) }
```

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

```
.background{ background-color: rgb(255,  
224, 238) }
```

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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