

Converting Colors

$Y_{xy}(80.7196, 0.3197, 0.3060)$

Have a look what the booklet for
Yxy(80.7196, 0.3197, 0.3060)
contains.

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Color

Yxy(80.7508, 0.3194, 0.3055)

Conversions

Conversions Part 1

Format	Color
Hex	FFDFF7
RGB	255, 223, 247
RGB Percent	100%, 87%, 97%
CMY	0.0000, 0.1255, 0.0313
CMYK	0.00, 0.13, 0.03, 0.00
HSL	315°, 100%, 94%
HSV	315°, 13%, 100%
XYZ	84.4249, 80.7508, 99.1477
YIQ	235.3040, 11.3680, 14.2480

Conversions

Conversions Part 2

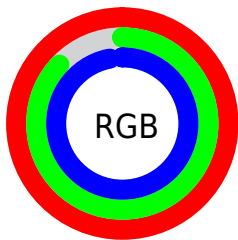
Format	Color
R _Y B	255, 223, 247
Decimal	16769015
CIE Lab	92.02, 15.03, -7.61
CIE LCh	92, 16.844, 333.142
Yxy	80.7508, 0.3194, 0.3055
Android (android.graphics.Color)	4294959095 (0xFFFFDFF7)
YUV	235.3040, 5.7661, 17.2734
Hunter-Lab	89.8614, 10.4433, -2.5140

Details

The Yxy color **80.7508, 0.3194, 0.3055** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92.9754, 0.3067, 0.3537**, and the grayscale version is **83.2689, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.7726, 0.3204, 0.3003** is the 20% darker color. If you saturate the color by 10%, you get **67.7486, 0.3257, 0.2860**, and if you desaturate by 10%, it is **95.8159, 0.3140, 0.3243**.

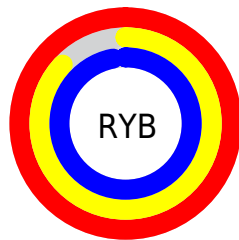
Distribution



Red (100%)

Green (87%)

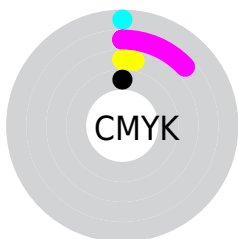
Blue (97%)



Red (100%)

Yellow (87%)

Blue (97%)

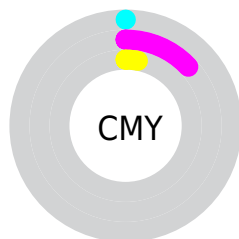


Cyan (0%)

Magenta (13%)

Yellow (3%)

Black (0%)



Cyan (0%)


Magenta (13%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 80.7508, 0.3194, 0.3055 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 80.7508, 0.3194, 0.3055 by changing the saturation by 10% instead.


 80.7508, 0.3194,
0.3055

 80.7508, 0.3194,
0.3055


497.4595, 0.3165,
0.3160

 60.3364, 0.3200,
0.3032


134.4208, 0.3184,
0.3091

 43.6898, 0.3208,
0.3004


168.4452, 0.3180,
0.3105

 30.4267, 0.3218,
0.2969


207.7750, 0.3177,
0.3117

 20.1627, 0.3230,
0.2925

252.7946, 0.3174,
0.3128

 12.5134, 0.3245,
0.2866

303.8885, 0.3171,
0.3137

 7.0943, 0.3267,
0.2785

361.4410, 0.3169,

 3.5212, 0.3297,

0.3145

0.2666

425.8366, 0.3167,
0.3153

■ 1.4095, 0.3345,
0.2475

■ 0.2237, 0.3670,
0.1417

■ 80.7508, 0.3194,
0.3055

■ 80.7508, 0.3194,
0.3055

■ 67.7486, 0.3257,
0.2860

■ 95.8159, 0.3140,
0.3243

■ 56.7214, 0.3330,
0.2664

100.0000, 0.3127,
0.3290

■ 47.5693, 0.3412,
0.2474

■ 40.1855, 0.3503,
0.2300

■ 34.4521, 0.3600,
0.2151

■ 30.2369, 0.3702,
0.2038

■ 27.3872, 0.3805,
0.1971

■ 25.7183, 0.3906,
0.1952

■ 25.0401, 0.3978,
0.1965

Harmonies

Analogous

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



80.7508, 0.2997, 0.2973



80.7508, 0.3194, 0.3055



80.7508, 0.3378, 0.3195

Triad

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



80.7508, 0.3194, 0.3055



80.7508, 0.3418, 0.3617



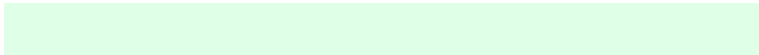
80.7508, 0.2773, 0.3200

Complementary

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



80.7508, 0.3194, 0.3055



92.9754, 0.3067, 0.3537

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.



80.7508, 0.2879, 0.3383



80.7508, 0.3194, 0.3055



80.7508, 0.3249, 0.3630

Square

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



80.7508, 0.3194, 0.3055



80.7508, 0.3509, 0.3516



80.7508, 0.3052, 0.3543



80.7508, 0.2759, 0.3050

Rectangle

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



80.7508, 0.3194, 0.3055



80.7508, 0.3466, 0.3305



80.7508, 0.3052, 0.3543



80.7508, 0.2799, 0.3260

Sweetspot

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



80.7496, 0.3194, 0.3055



93.5011, 0.3147, 0.3217



76.8927, 0.2976, 0.2963



19.7597, 0.3151, 0.3203



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.



80.7496, 0.3194, 0.3055



77.3778, 0.3208, 0.3008



79.8325, 0.3298, 0.3206



18.2184, 0.3176, 0.3113



13.1092, 0.3963, 0.1957



1.2938, 0.3858, 0.1899

Inverse Universe

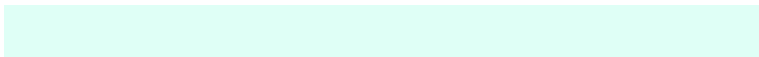
The Inverse Universe completely reimagines the original color for something new.



80.7496, 0.3194, 0.3055



77.3778, 0.3208, 0.3008



93.8897, 0.2981, 0.3376



18.2184, 0.3176, 0.3113



13.1092, 0.3963, 0.1957



1.2938, 0.3858, 0.1899

Previews

White Background



This preview shows how the Yxy color 80.7508, 0.3194, 0.3055 looks on a white background.

Color Contrast Check

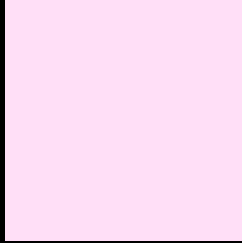
Large Text (above 18pt) WCAG AA × Fail

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 80.7508, 0.3194, 0.3055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

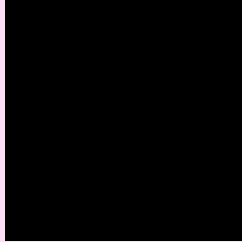
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 80.7508, 0.3194, 0.3055

Background



This preview shows how black text looks on a background with the Yxy color 80.7508, 0.3194, 0.3055.

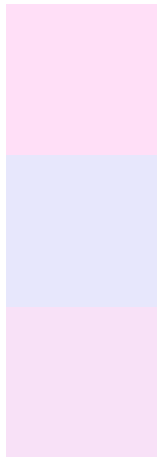


This preview shows how white text looks on a background with the Yxy color 80.7508, 0.3194, 0.3055.

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

80.7508, 0.3194, 0.3055

Protanopia

81.1690, 0.2998, 0.3076

Deuteranopia

80.5223, 0.3144, 0.3072



Tritanopia

80.7330, 0.3226, 0.3123

Trichromacy



Original Color

80.7508, 0.3194, 0.3055

Protanomaly

80.9142, 0.3070, 0.3069

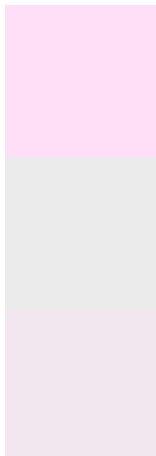
Deuteranomaly

80.5359, 0.3166, 0.3063

Tritanomaly

80.8532, 0.3213, 0.3103

Monochromacy



Original Color

80.7508, 0.3194, 0.3055

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

82.2611, 0.3151, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.7508, 0.3194, 0.3055 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, 247)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 247)  
}
```

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, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 247) }
```

Border

The CSS property to change the border of an element to Yxy 80.7508, 0.3194, 0.3055 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, 247) }
```

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

```
.border{ border-color:rgb(255, 223, 247) }
```

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, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 247);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 80.7508, 0.3194, 0.3055 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, 247) }
```

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

```
.background{ background-color: rgb(255,  
223, 247) }
```

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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