

Converting Colors

$Y_{xy}(100.0000, 0.3881, 0.3189)$

Have a look what the booklet for
Yxy(100.0000, 0.3881, 0.3189)
contains.

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Color

Yxy(80.0915, 0.3267, 0.3162)

Conversions

Conversions Part 1

Format	Color
Hex	FFDFEC
RGB	255, 223, 236
RGB Percent	100%, 87%, 93%
CMY	0.0002, 0.1254, 0.0745
CMYK	0.00, 0.13, 0.07, 0.00
HSL	336°, 100%, 94%
HSV	336°, 13%, 100%
XYZ	82.7511, 80.0915, 90.4512
YIQ	234.0500, 14.8990, 10.8270

Conversions

Conversions Part 2

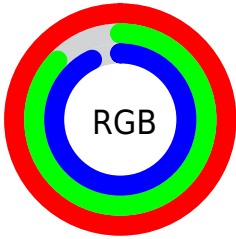
Format	Color
R _{YB}	255, 223, 236
Decimal	16769004
CIE _{Lab}	91.73, 13.10, -2.28
CIE _{LCh}	92, 13.296, 350.144
Yxy	80.0915, 0.3267, 0.3162
Android (android.graphics.Color)	4294959084 (0xFFFFDFEC)
YUV	234.0500, 0.9614, 18.3732
Hunter-Lab	89.4939, 8.4370, 2.7214

Details

The Yxy color **80.0915, 0.3267, 0.3162** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93.5840, 0.3006, 0.3422**, and the grayscale version is **82.3012, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.3063, 0.3300, 0.3139** is the 20% darker color. If you saturate the color by 10%, you get **66.6373, 0.3406, 0.3054**, and if you desaturate by 10%, it is **95.6783, 0.3153, 0.3265**.

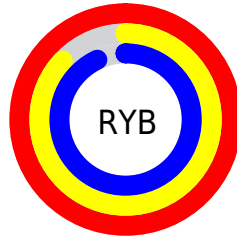
Distribution



Red (100%)

Green (87%)

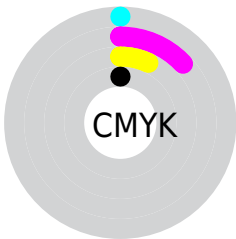
Blue (93%)



Red (100%)

Yellow (87%)

Blue (93%)

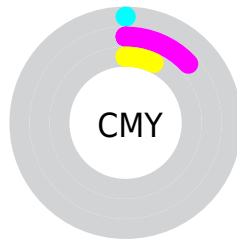


Cyan (0%)

Magenta (13%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 80.0915, 0.3267, 0.3162 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 80.0915, 0.3267, 0.3162 by changing the saturation by 10% instead.


 80.0915, 0.3267,
0.3162

 80.0915, 0.3267,
0.3162


495.2411, 0.3204,
0.3220

 59.7937, 0.3281,
0.3149

133.4944, 0.3245,
0.3182

 43.2523, 0.3299,
0.3133


167.3682, 0.3237,
0.3190

 30.0832, 0.3320,
0.3114


206.5361, 0.3229,
0.3196

 19.9017, 0.3349,
0.3088

251.3825, 0.3223,
0.3202

 12.3236, 0.3386,
0.3054

302.2918, 0.3217,
0.3207

 6.9645, 0.3440,
0.3007

359.6485, 0.3212,

 3.4399, 0.3520,

0.3212

0.2936

423.8368, 0.3208,
0.3216

■ 1.3655, 0.3657,
0.2817

■ 0.1911, 0.4732,
0.1803

■ 80.0915, 0.3267,
0.3162

■ 80.0915, 0.3267,
0.3162

■ 66.6373, 0.3406,
0.3054

■ 95.6783, 0.3153,
0.3265

■ 55.2121, 0.3575,
0.2942

99.9888, 0.3127,
0.3290

■ 45.7190, 0.3777,
0.2834

■ 38.0494, 0.4015,
0.2736

■ 32.0836, 0.4286,
0.2658

■ 27.6874, 0.4584,
0.2615

■ 24.7063, 0.4894,
0.2618

■ 22.9533, 0.5193,
0.2676

■ 22.2403, 0.5400,
0.2748

Harmonies

Analogous

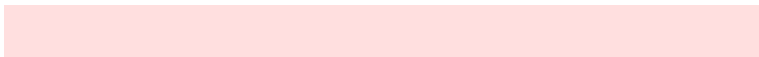
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.0915, 0.3112, 0.3067



80.0915, 0.3267, 0.3162



80.0915, 0.3386, 0.3290

Triad

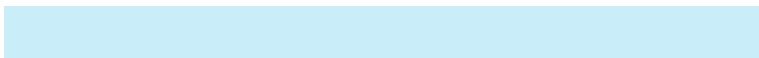
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.0915, 0.3267, 0.3162



80.0915, 0.3288, 0.3563



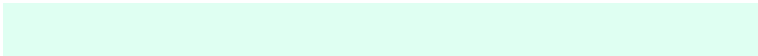
80.0915, 0.2830, 0.3147

Complementary

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



80.0915, 0.3267, 0.3162



93.5840, 0.3006, 0.3422

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.



80.0915, 0.2874, 0.3282



80.0915, 0.3267, 0.3162



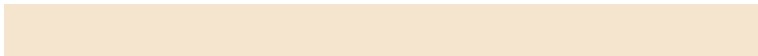
80.0915, 0.3136, 0.3527

Square

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



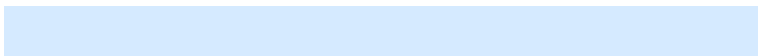
80.0915, 0.3267, 0.3162



80.0915, 0.3398, 0.3523



80.0915, 0.2986, 0.3423



80.0915, 0.2862, 0.3056

Rectangle

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



80.0915, 0.3267, 0.3162



80.0915, 0.3428, 0.3379



80.0915, 0.2986, 0.3423



80.0915, 0.2836, 0.3189

Sweetspot

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



80.0950, 0.3267, 0.3162



93.2800, 0.3168, 0.3250



78.8207, 0.3051, 0.2971



19.7037, 0.3176, 0.3243



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

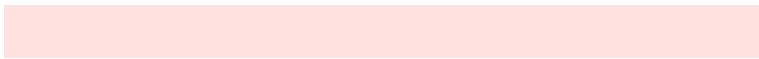
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.0950, 0.3267, 0.3162



76.5999, 0.3299, 0.3136



80.8008, 0.3352, 0.3317



18.1094, 0.3230, 0.3194



11.6549, 0.5358, 0.2725



1.1558, 0.5059, 0.2561

Inverse Universe

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



80.0950, 0.3267, 0.3162



76.5999, 0.3299, 0.3136



92.7065, 0.2934, 0.3263



18.1094, 0.3230, 0.3194



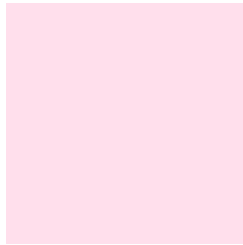
11.6549, 0.5358, 0.2725



1.1558, 0.5059, 0.2561

Previews

White Background



This preview shows how the Yxy color 80.0915, 0.3267, 0.3162 looks on a white background.

Color Contrast Check

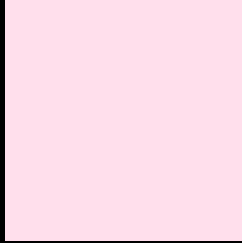
Large Text (above 18pt) WCAG AA × Fail

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 80.0915, 0.3267, 0.3162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

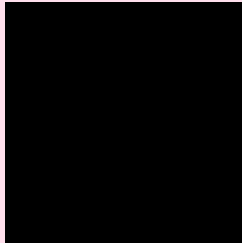
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 80.0915, 0.3267, 0.3162

Background



This preview shows how black text looks on a background with the Yxy color 80.0915, 0.3267, 0.3162.



This preview shows how white text looks on a background with the Yxy color 80.0915, 0.3267, 0.3162.

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

80.0915, 0.3267, 0.3162

Protanopia

80.2085, 0.3085, 0.3187

Deuteranopia

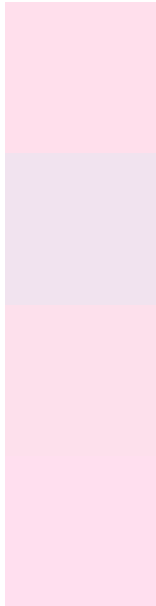
80.0629, 0.3245, 0.3171



Tritanopia

80.3266, 0.3240, 0.3123

Trichromacy



Original Color

80.0915, 0.3267, 0.3162

Protanomaly

79.8709, 0.3147, 0.3168

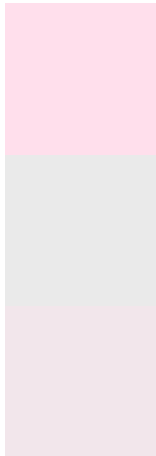
Deuteranomaly

80.2501, 0.3252, 0.3171

Tritanomaly

80.2673, 0.3247, 0.3132

Monochromacy



Original Color

80.0915, 0.3267, 0.3162

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

81.4690, 0.3177, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.0915, 0.3267, 0.3162 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, 236)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 236)  
}
```

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, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 236) }
```

Border

The CSS property to change the border of an element to Yxy 80.0915, 0.3267, 0.3162 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, 236) }
```

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

```
.border{ border-color:rgb(255, 223, 236) }
```

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, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 236);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 80.0915, 0.3267, 0.3162 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, 236) }
```

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

```
.background{ background-color: rgb(255,  
223, 236) }
```

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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