

Converting Colors

$Yxy(76.5648, 0.3303, 0.3142)$

Have a look what the booklet for
Yxy(76.5648, 0.3303, 0.3142)
contains.

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Color

Yxy(76.7119, 0.3301, 0.3141)

Conversions

Conversions Part 1

Format	Color
Hex	FFD9E8
RGB	255, 217, 232
RGB Percent	100%, 85%, 91%
CMY	0.0000, 0.1490, 0.0902
CMYK	0.00, 0.15, 0.09, 0.00
HSL	336°, 100%, 93%
HSV	336°, 15%, 100%
XYZ	80.6195, 76.7119, 86.8962
YIQ	230.0720, 17.8330, 12.7210

Conversions

Conversions Part 2

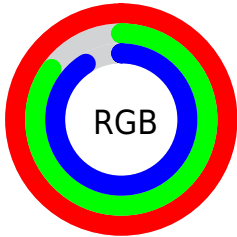
Format	Color
R _Y B	255, 217, 232
Decimal	16767464
CIE Lab	90.19, 15.59, -2.43
CIE LCh	90, 15.779, 351.141
Yxy	76.7119, 0.3301, 0.3141
Android (android.graphics.Color)	4294957544 (0xFFFFD9E8)
YUV	230.0720, 0.9505, 21.8619
Hunter-Lab	87.5853, 11.0293, 2.4862

Details

The Yxy color **76.7119, 0.3301, 0.3141** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92.5642, 0.2981, 0.3444**, and the grayscale version is **79.1701, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.9810, 0.3345, 0.3112** is the 20% darker color. If you saturate the color by 10%, you get **63.7284, 0.3450, 0.3035**, and if you desaturate by 10%, it is **91.8070, 0.3179, 0.3243**.

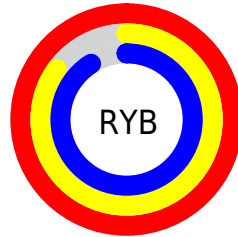
Distribution



Red (100%)

Green (85%)

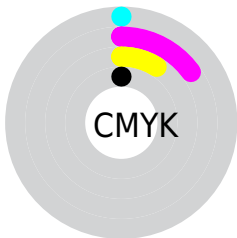
Blue (91%)



Red (100%)

Yellow (85%)

Blue (91%)

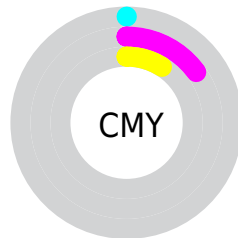


Cyan (0%)

Magenta (15%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.7119, 0.3301, 0.3141 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 76.7119, 0.3301, 0.3141 by changing the saturation by 10% instead.


 76.7119, 0.3301,
0.3141

 76.7119, 0.3301,
0.3141


483.7812, 0.3222,
0.3209

 57.0165, 0.3319,
0.3126

128.7327, 0.3274,
0.3164

 41.0184, 0.3341,
0.3107

161.8269, 0.3263,
0.3173

 28.3335, 0.3369,
0.3084


200.1561, 0.3254,
0.3181

 18.5772, 0.3405,
0.3054

244.1047, 0.3246,
0.3188

 11.3652, 0.3453,
0.3013

294.0571, 0.3239,
0.3194

 6.3130, 0.3522,
0.2956

350.3977, 0.3232,

 3.0363, 0.3629,

0.3200

0.2869

413.5110, 0.3227,
0.3204

■ 1.1507, 0.3812,
0.2721

■ 0.0209, 0.6522,
0.0340

■ 76.7119, 0.3301,
0.3141

■ 76.7119, 0.3301,
0.3141

■ 63.7284, 0.3450,
0.3035

■ 91.8070, 0.3179,
0.3243

■ 52.7563, 0.3630,
0.2927

100.0000, 0.3127,
0.3290

■ 43.6952, 0.3845,
0.2823

■ 36.4336, 0.4097,
0.2732

■ 30.8486, 0.4383,
0.2664

■ 26.8017, 0.4692,
0.2633

■ 24.1318, 0.5008,
0.2652

■ 22.6408, 0.5307,
0.2724

■ 22.1918, 0.5449,
0.2775

Harmonies

Analogous

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



76.7119, 0.3114, 0.3026



76.7119, 0.3301, 0.3141



76.7119, 0.3443, 0.3294

Triad

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



76.7119, 0.3301, 0.3141



76.7119, 0.3314, 0.3620



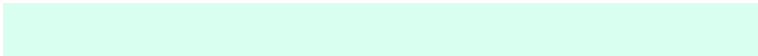
76.7119, 0.2770, 0.3112

Complementary

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



76.7119, 0.3301, 0.3141



92.5642, 0.2981, 0.3444

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.



76.7119, 0.2820, 0.3273



76.7119, 0.3301, 0.3141



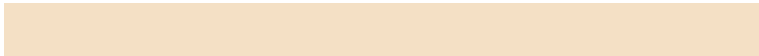
76.7119, 0.3131, 0.3575

Square

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



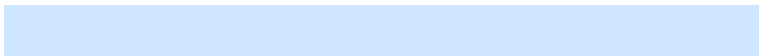
76.7119, 0.3301, 0.3141



76.7119, 0.3450, 0.3572



76.7119, 0.2951, 0.3445



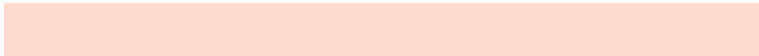
76.7119, 0.2812, 0.3006

Rectangle

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



76.7119, 0.3301, 0.3141



76.7119, 0.3491, 0.3401



76.7119, 0.2951, 0.3445



76.7119, 0.2777, 0.3161

Sweetspot

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



76.7137, 0.3301, 0.3141



93.2724, 0.3169, 0.3251



75.3384, 0.3039, 0.2908



19.7018, 0.3177, 0.3244



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

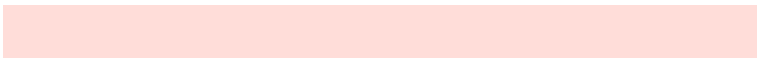
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.7137, 0.3301, 0.3141



72.4676, 0.3344, 0.3108



77.8792, 0.3401, 0.3329



18.1058, 0.3232, 0.3197



11.6230, 0.5406, 0.2752



1.1525, 0.5103, 0.2585

Inverse Universe

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



76.7137, 0.3301, 0.3141



72.4676, 0.3344, 0.3108



91.0920, 0.2899, 0.3251



18.1058, 0.3232, 0.3197



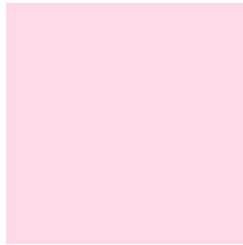
11.6230, 0.5406, 0.2752



1.1525, 0.5103, 0.2585

Previews

White Background



This preview shows how the Yxy color 76.7119, 0.3301, 0.3141 looks on a white background.

Color Contrast Check

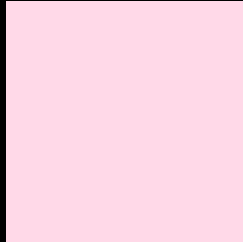
Large Text (above 18pt) WCAG AA × Fail

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 76.7119, 0.3301, 0.3141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

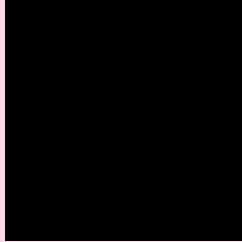
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.7119, 0.3301, 0.3141

Background



This preview shows how black text looks on a background with the Yxy color 76.7119, 0.3301, 0.3141.

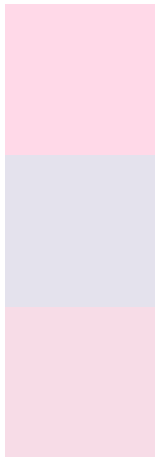


This preview shows how white text looks on a background with the Yxy color 76.7119, 0.3301, 0.3141.

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

76.7119, 0.3301, 0.3141

Protanopia

77.0011, 0.3071, 0.3175

Deuteranopia

76.7301, 0.3247, 0.3179



Tritanopia

76.8262, 0.3287, 0.3121

Trichromacy



Original Color

76.7119, 0.3301, 0.3141

Protanomaly

76.9507, 0.3154, 0.3167

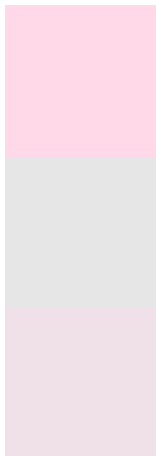
Deuteranomaly

76.7566, 0.3269, 0.3169

Tritanomaly

76.7689, 0.3294, 0.3131

Monochromacy



Original Color

76.7119, 0.3301, 0.3141

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

77.9707, 0.3186, 0.3228

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.7119, 0.3301, 0.3141 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, 217, 232)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 232)  
}
```

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, 217, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 232) }
```

Border

The CSS property to change the border of an element to Yxy 76.7119, 0.3301, 0.3141 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, 217, 232) }
```

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

```
.border{ border-color:rgb(255, 217, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 217, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 232);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 76.7119, 0.3301, 0.3141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 232) }
```

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

```
.background{ background-color: rgb(255,  
217, 232) }
```

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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