

Converting Colors

Yxy(78.4833, 0.3351, 0.3149)

Have a look what the booklet for
Yxy(78.4833, 0.3351, 0.3149)
contains.

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Color

Yxy(77.2290, 0.3300, 0.3151)

Conversions

Conversions Part 1

Format	Color
Hex	FFDAE8
RGB	255, 218, 232
RGB Percent	100%, 85%, 91%
CMY	0.0000, 0.1451, 0.0902
CMYK	0.00, 0.15, 0.09, 0.00
HSL	337°, 100%, 93%
HSV	337°, 15%, 100%
XYZ	80.8809, 77.2290, 86.9837
YIQ	230.6590, 17.5580, 12.1980

Conversions

Conversions Part 2

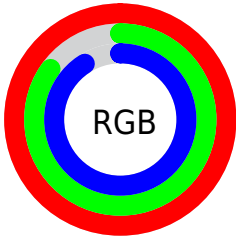
Format	Color
R _Y B	255, 218, 232
Decimal	16767720
CIE Lab	90.43, 15.08, -2.08
CIE LCh	90, 15.218, 352.138
Yxy	77.2290, 0.3300, 0.3151
Android (android.graphics.Color)	4294957800 (0xFFFFDAE8)
YUV	230.6590, 0.6611, 21.3471
Hunter-Lab	87.8800, 10.4935, 2.8307

Details

The Yxy color $77.2290, 0.3300, 0.3151$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $92.7766, 0.2981, 0.3433$, and the grayscale version is $79.6286, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $41.3347, 0.3343, 0.3125$ is the 20% darker color. If you saturate the color by 10%, you get $64.1446, 0.3452, 0.3049$, and if you desaturate by 10%, it is $92.4291, 0.3176, 0.3248$.

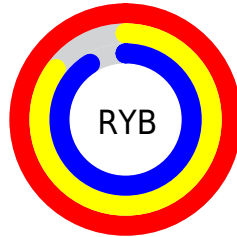
Distribution



Red (100%)

Green (85%)

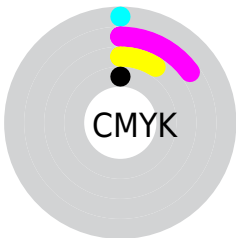
Blue (91%)



Red (100%)

Yellow (85%)

Blue (91%)

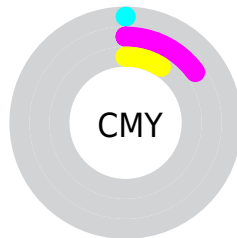


Cyan (0%)

Magenta (15%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.2290, 0.3300, 0.3151 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 77.2290, 0.3300, 0.3151 by changing the saturation by 10% instead.


 77.2290, 0.3300,
0.3151

 77.2290, 0.3300,
0.3151


485.5445, 0.3221,
0.3214

 57.4408, 0.3318,
0.3137


129.4627, 0.3273,
0.3173

 41.3593, 0.3340,
0.3119


162.6770, 0.3262,
0.3181

 28.5999, 0.3367,
0.3098


201.1355, 0.3253,
0.3189

 18.7784, 0.3403,
0.3069

245.2226, 0.3245,
0.3195

 11.5103, 0.3451,
0.3032

295.3226, 0.3238,
0.3201

 6.4111, 0.3520,
0.2978

351.8200, 0.3232,

 3.0967, 0.3625,

0.3206

0.2897

415.0992, 0.3226,
0.3210

■ 1.1824, 0.3807,
0.2759

■ 0.0473, 0.6283,
0.0719

■ 77.2290, 0.3300,
0.3151

■ 77.2290, 0.3300,
0.3151

■ 64.1446, 0.3452,
0.3049

■ 92.4291, 0.3176,
0.3248

■ 53.0812, 0.3636,
0.2945

100.0000, 0.3127,
0.3290

■ 43.9366, 0.3856,
0.2846

■ 36.5997, 0.4114,
0.2758

■ 30.9479, 0.4408,
0.2693

■ 26.8431, 0.4727,
0.2664

■ 24.1250, 0.5053,
0.2683

■ 22.5973, 0.5360,
0.2756

■ 22.1130, 0.5515,
0.2812

Harmonies

Analogous

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



77.2290, 0.3121, 0.3039



77.2290, 0.3300, 0.3151



77.2290, 0.3434, 0.3300

Triad

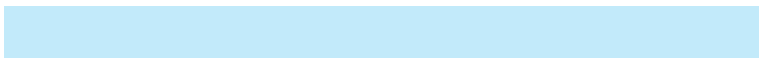
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.2290, 0.3300, 0.3151



77.2290, 0.3302, 0.3608



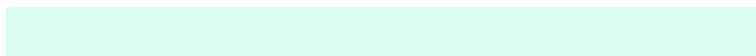
77.2290, 0.2783, 0.3115

Complementary

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



77.2290, 0.3300, 0.3151



92.7766, 0.2981, 0.3433

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.



77.2290, 0.2829, 0.3268



77.2290, 0.3300, 0.3151



77.2290, 0.3125, 0.3560

Square

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



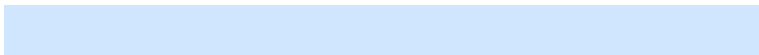
77.2290, 0.3300, 0.3151



77.2290, 0.3434, 0.3565



77.2290, 0.2953, 0.3434



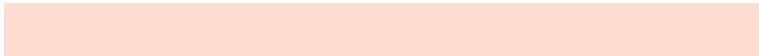
77.2290, 0.2826, 0.3014

Rectangle

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



77.2290, 0.3300, 0.3151



77.2290, 0.3478, 0.3402



77.2290, 0.2953, 0.3434



77.2290, 0.2789, 0.3162

Sweetspot

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



77.2290, 0.3300, 0.3151



93.2621, 0.3170, 0.3253



76.0316, 0.3046, 0.2919



19.6992, 0.3178, 0.3246



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

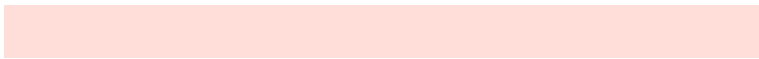
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.2290, 0.3300, 0.3151



73.7763, 0.3335, 0.3126



78.7331, 0.3392, 0.3334



18.1008, 0.3235, 0.3200



11.5812, 0.5472, 0.2788



1.1481, 0.5164, 0.2618

Inverse Universe

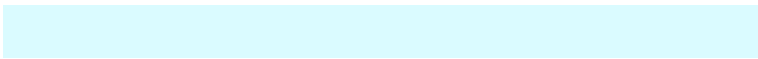
The Inverse Universe completely reimagines the original color for something new.



77.2290, 0.3300, 0.3151



73.7763, 0.3335, 0.3126



90.9222, 0.2904, 0.3245



18.1008, 0.3235, 0.3200



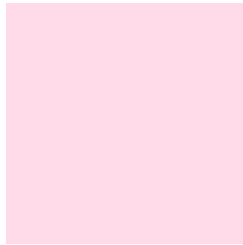
11.5812, 0.5472, 0.2788



1.1481, 0.5164, 0.2618

Previews

White Background



This preview shows how the Yxy color 77.2290, 0.3300, 0.3151 looks on a white background.

Color Contrast Check

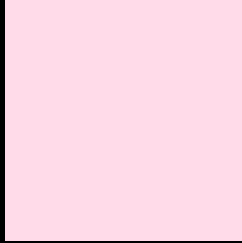
Large Text (above 18pt) WCAG AA × Fail

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 77.2290, 0.3300, 0.3151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

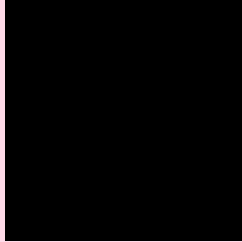
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 77.2290, 0.3300, 0.3151

Background



This preview shows how black text looks on a background with the Yxy color 77.2290, 0.3300, 0.3151.

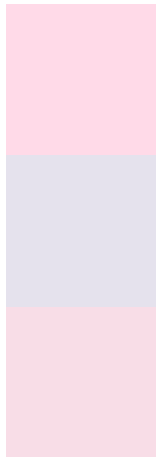


This preview shows how white text looks on a background with the Yxy color 77.2290, 0.3300, 0.3151.

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

77.2290, 0.3300, 0.3151

Protanopia

77.1652, 0.3078, 0.3175

Deuteranopia

77.4389, 0.3253, 0.3189



Tritanopia

77.3433, 0.3286, 0.3131

Trichromacy



Original Color

77.2290, 0.3300, 0.3151

Protanomaly

76.9507, 0.3154, 0.3167

Deuteranomaly

77.4652, 0.3276, 0.3180

Tritanomaly

77.2860, 0.3293, 0.3141

Monochromacy



Original Color

77.2290, 0.3300, 0.3151

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

78.6875, 0.3192, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.2290, 0.3300, 0.3151 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, 218, 232)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 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, 218, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 232) }
```

Border

The CSS property to change the border of an element to Yxy 77.2290, 0.3300, 0.3151 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, 218, 232) }
```

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

```
.border{ border-color:rgb(255, 218, 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, 218, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 218, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 218, 232); box-shadow:4px 4px 4px 4px rgb(255, 218, 232) }
```


Background

The CSS property to change the background color of an element to Yxy 77.2290, 0.3300, 0.3151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 218, 232) }
```

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

```
.background{ background-color: rgb(255,  
218, 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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