

Converting Colors

$Yxy(77.4984, 0.3354, 0.3183)$

Have a look what the booklet for
Yxy(77.4984, 0.3354, 0.3183)
contains.

Yxy(77.0042, 0.3328, 0.3191)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(77.0042, 0.3328, 0.3191)

Conversions

Conversions Part 1

Format	Color
Hex	FFDAE4
RGB	255, 218, 228
RGB Percent	100%, 85%, 89%
CMY	0.0000, 0.1451, 0.1060
CMYK	0.00, 0.15, 0.11, 0.00
HSL	344°, 100%, 93%
HSV	344°, 15%, 100%
XYZ	80.3102, 77.0042, 84.0024
YIQ	230.2030, 18.8420, 10.9540

Conversions

Conversions Part 2

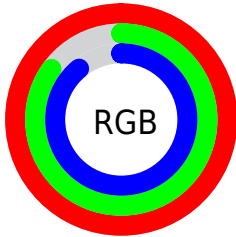
Format	Color
R _Y B	255, 218, 228
Decimal	16767716
CIE Lab	90.32, 14.40, -0.12
CIE LCh	90, 14.404, 359.543
Yxy	77.0042, 0.3328, 0.3191
Android (android.graphics.Color)	4294957796 (0xFFFFDAE4)
YUV	230.2030, -1.0861, 21.7470
Hunter-Lab	87.7520, 9.7963, 4.6699

Details

The Yxy color **77.0042, 0.3328, 0.3191** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93.0216, 0.2959, 0.3391**, and the grayscale version is **79.2872, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.2173, 0.3371, 0.3163** is the 20% darker color. If you saturate the color by 10%, you get **63.8034, 0.3507, 0.3118**, and if you desaturate by 10%, it is **92.3579, 0.3183, 0.3260**.

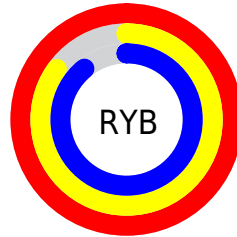
Distribution



Red (100%)

Green (85%)

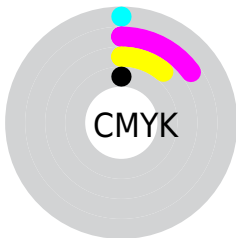
Blue (89%)



Red (100%)

Yellow (85%)

Blue (89%)

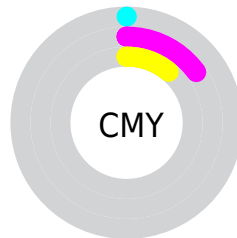


Cyan (0%)

Magenta (15%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.0042, 0.3328, 0.3191 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 77.0042, 0.3328, 0.3191 by changing the saturation by 10% instead.


 77.0042, 0.3328,
0.3191

 77.0042, 0.3328,
0.3191


484.7783, 0.3236,
0.3236

 57.2563, 0.3349,
0.3181

129.1454, 0.3296,
0.3207

 41.2111, 0.3375,
0.3168

162.3075, 0.3284,
0.3213

 28.4840, 0.3407,
0.3152


200.7099, 0.3273,
0.3218

 18.6909, 0.3449,
0.3131

244.7368, 0.3264,
0.3223

 11.4471, 0.3506,
0.3103

294.7727, 0.3256,
0.3227

 6.3684, 0.3588,
0.3063

351.2020, 0.3248,

 3.0704, 0.3714,

0.3230

0.3001

414.4091, 0.3242,
0.3234

■ 1.1686, 0.3934,
0.2892

■ 0.0358, 0.8231,
0.0765

■ 77.0042, 0.3328,
0.3191

■ 77.0042, 0.3328,
0.3191

■ 63.8034, 0.3507,
0.3118

■ 92.3579, 0.3183,
0.3260

■ 52.6492, 0.3725,
0.3044

99.9998, 0.3127,
0.3290

■ 43.4411, 0.3990,
0.2973

■ 36.0668, 0.4303,
0.2913

■ 30.4016, 0.4659,
0.2873

■ 26.3059, 0.5043,
0.2866

■ 23.6171, 0.5423,
0.2900

■ 22.1367, 0.5759,
0.2978

■ 21.6848, 0.5915,
0.3032

Harmonies

Analogous

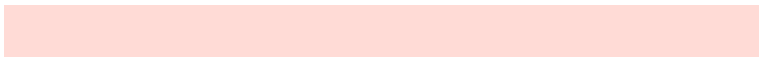
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.0042, 0.3165, 0.3073



77.0042, 0.3328, 0.3191



77.0042, 0.3438, 0.3336

Triad

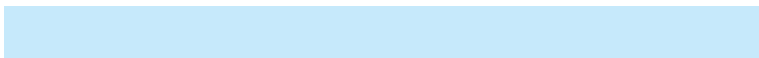
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.0042, 0.3328, 0.3191



77.0042, 0.3254, 0.3588



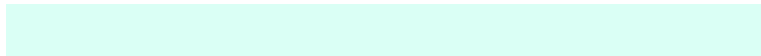
77.0042, 0.2803, 0.3095

Complementary

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



77.0042, 0.3328, 0.3191



93.0216, 0.2959, 0.3391

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.



77.0042, 0.2826, 0.3231



77.0042, 0.3328, 0.3191



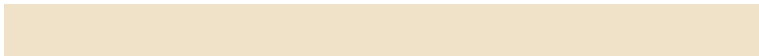
77.0042, 0.3083, 0.3522

Square

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



77.0042, 0.3328, 0.3191



77.0042, 0.3393, 0.3568



77.0042, 0.2927, 0.3389



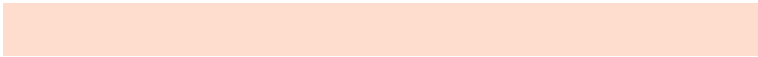
77.0042, 0.2864, 0.3016

Rectangle

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



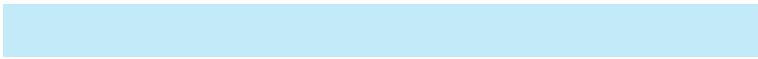
77.0042, 0.3328, 0.3191



77.0042, 0.3464, 0.3431



77.0042, 0.2927, 0.3389



77.0042, 0.2801, 0.3135

Sweetspot

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



77.0076, 0.3328, 0.3191



93.1930, 0.3177, 0.3264



76.6944, 0.3071, 0.2922



19.6817, 0.3186, 0.3259



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

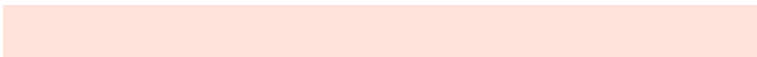
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.0076, 0.3328, 0.3191



73.5169, 0.3369, 0.3173



80.7285, 0.3387, 0.3371



18.0674, 0.3252, 0.3226



11.3520, 0.5874, 0.3010



1.1226, 0.5556, 0.2834

Inverse Universe

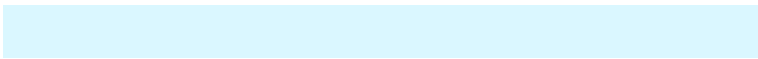
The Inverse Universe completely reimagines the original color for something new.



77.0076, 0.3328, 0.3191



73.5169, 0.3369, 0.3173



88.6392, 0.2903, 0.3208



18.0674, 0.3252, 0.3226



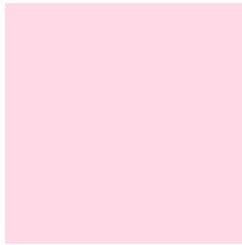
11.3520, 0.5874, 0.3010



1.1226, 0.5556, 0.2834

Previews

White Background



This preview shows how the Yxy color 77.0042, 0.3328, 0.3191 looks on a white background.

Color Contrast Check

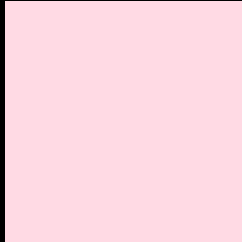
Large Text (above 18pt) WCAG AA × Fail

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 77.0042, 0.3328, 0.3191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

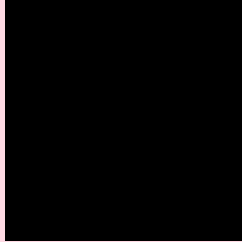
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 77.0042, 0.3328, 0.3191

Background



This preview shows how black text looks on a background with the Yxy color 77.0042, 0.3328, 0.3191.

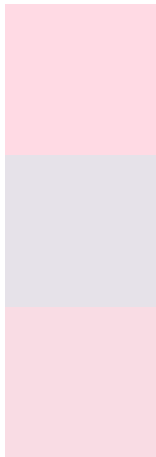


This preview shows how white text looks on a background with the Yxy color 77.0042, 0.3328, 0.3191.

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

77.0042, 0.3328, 0.3191

Protanopia

77.0989, 0.3110, 0.3217

Deuteranopia

76.9276, 0.3282, 0.3209



Tritanopia

76.8262, 0.3287, 0.3121

Trichromacy



Original Color

77.0042, 0.3328, 0.3191

Protanomaly

76.8956, 0.3187, 0.3208

Deuteranomaly

76.7737, 0.3297, 0.3200

Tritanomaly

76.7119, 0.3301, 0.3141

Monochromacy



Original Color

77.0042, 0.3328, 0.3191

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

78.4006, 0.3198, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.0042, 0.3328, 0.3191 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, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 228)  
}
```

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, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 228) }
```

Border

The CSS property to change the border of an element to Yxy 77.0042, 0.3328, 0.3191 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, 228) }
```

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

```
.border{ border-color:rgb(255, 218, 228) }
```

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, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 228);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 77.0042, 0.3328, 0.3191 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, 228) }
```

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

```
.background{ background-color: rgb(255,  
218, 228) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor