

Converting Colors

$Y_{xy}(77.5371, 0.3359, 0.3253)$

Have a look what the booklet for
Yxy(77.5371, 0.3359, 0.3253)
contains.

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Color

Yxy(77.7741, 0.3360, 0.3261)

Conversions

Conversions Part 1

Format	Color
Hex	FFDCDF
RGB	255, 220, 223
RGB Percent	100%, 86%, 87%
CMY	0.0002, 0.1371, 0.1256
CMYK	0.00, 0.14, 0.13, 0.00
HSL	355°, 100%, 93%
HSV	355°, 14%, 100%
XYZ	80.1352, 77.7741, 80.5884
YIQ	230.8070, 19.8970, 8.3530

Conversions

Conversions Part 2

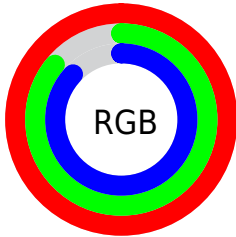
Format	Color
R _Y B	255, 220, 223
Decimal	16768223
CIE Lab	90.68, 12.54, 3.01
CIE LCh	91, 12.895, 13.514
Yxy	77.7741, 0.3360, 0.3261
Android (android.graphics.Color)	4294958303 (0xFFFFDCDF)
YUV	230.8070, -3.8489, 21.2173
Hunter-Lab	88.1896, 7.8657, 7.5531

Details

The Yxy color **77.7741, 0.3360, 0.3261** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93.7322, 0.2933, 0.3319**, and the grayscale version is **79.7759, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.7432, 0.3413, 0.3252** is the 20% darker color. If you saturate the color by 10%, you get **64.2248, 0.3581, 0.3238**, and if you desaturate by 10%, it is **93.5445, 0.3183, 0.3282**.

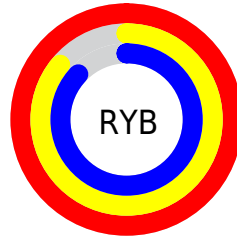
Distribution



Red (100%)

Green (86%)

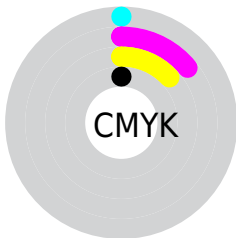
Blue (87%)



Red (100%)

Yellow (86%)

Blue (87%)

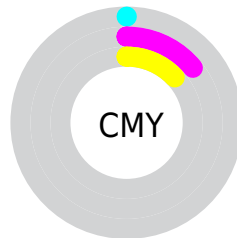


Cyan (0%)

Magenta (14%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.7741, 0.3360, 0.3261 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 77.7741, 0.3360, 0.3261 by changing the saturation by 10% instead.


 77.7741, 0.3360,
0.3261

 77.7741, 0.3360,
0.3261


487.3993, 0.3253,
0.3275

 57.8884, 0.3384,
0.3258


130.2316, 0.3323,
0.3266

 41.7190, 0.3414,
0.3253


163.5723, 0.3309,
0.3268

 28.8813, 0.3452,
0.3248


202.1667, 0.3296,
0.3270

 18.9910, 0.3501,
0.3241

246.3993, 0.3285,
0.3271

 11.6638, 0.3568,
0.3230

296.6545, 0.3276,
0.3272

 6.5152, 0.3663,
0.3215

353.3166, 0.3267,

 3.1608, 0.3811,

0.3273

0.3189

416.7701, 0.3260,
0.3274

■ 1.2163, 0.4071,
0.3140

■ 0.0749, 0.8343,
0.1657

■ 77.7741, 0.3360,
0.3261

■ 77.7741, 0.3360,
0.3261

■ 64.2248, 0.3581,
0.3238

■ 93.5445, 0.3183,
0.3282

■ 52.7870, 0.3855,
0.3216

99.9895, 0.3127,
0.3290

■ 43.3575, 0.4190,
0.3194

■ 35.8203, 0.4588,
0.3178

■ 30.0474, 0.5035,
0.3171

■ 25.8952, 0.5496,
0.3177

■ 23.1972, 0.5910,
0.3201

■ 21.7514, 0.6212,
0.3238

■ 21.3058, 0.6330,
0.3261

Harmonies

Analogous

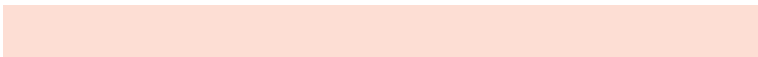
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.7741, 0.3232, 0.3140



77.7741, 0.3360, 0.3261



77.7741, 0.3425, 0.3392

Triad

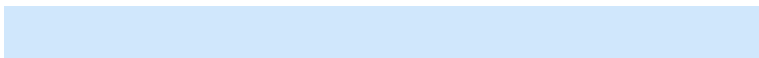
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.7741, 0.3360, 0.3261



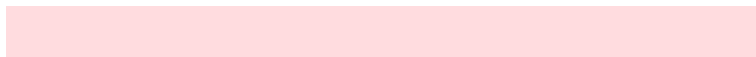
77.7741, 0.3171, 0.3537



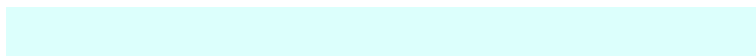
77.7741, 0.2854, 0.3076

Complementary

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



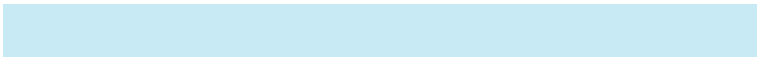
77.7741, 0.3360, 0.3261



93.7322, 0.2933, 0.3319

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.



77.7741, 0.2839, 0.3177



77.7741, 0.3360, 0.3261



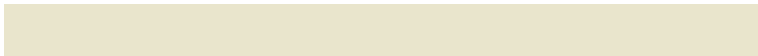
77.7741, 0.3019, 0.3447

Square

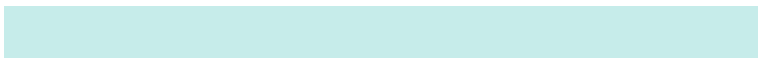
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.7741, 0.3360, 0.3261



77.7741, 0.3313, 0.3555



77.7741, 0.2899, 0.3313



77.7741, 0.2941, 0.3034

Rectangle

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



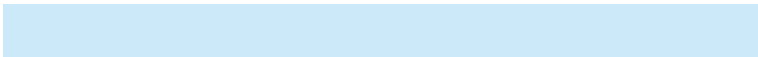
77.7741, 0.3360, 0.3261



77.7741, 0.3422, 0.3469



77.7741, 0.2899, 0.3313



77.7741, 0.2840, 0.3103

Sweetspot

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



77.7776, 0.3360, 0.3261



93.0770, 0.3188, 0.3282



79.0111, 0.3119, 0.2948



19.6525, 0.3200, 0.3280



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

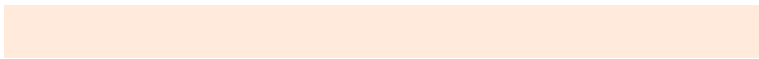
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.7776, 0.3360, 0.3261



74.4983, 0.3407, 0.3256



85.2609, 0.3361, 0.3430



18.0120, 0.3281, 0.3270



11.1468, 0.6310, 0.3250



1.0935, 0.6123, 0.3147

Inverse Universe

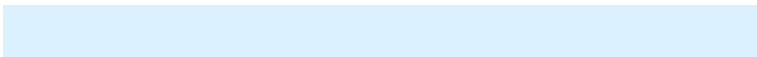
The Inverse Universe completely reimagines the original color for something new.



77.7776, 0.3360, 0.3261



74.4983, 0.3407, 0.3256



85.3340, 0.2913, 0.3146



18.0120, 0.3281, 0.3270



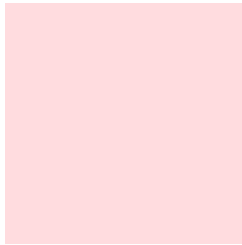
11.1468, 0.6310, 0.3250



1.0935, 0.6123, 0.3147

Previews

White Background



This preview shows how the Yxy color 77.7741, 0.3360, 0.3261 looks on a white background.

Color Contrast Check

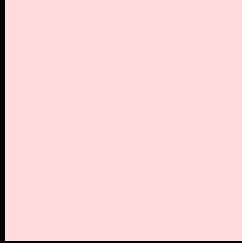
Large Text (above 18pt) WCAG AA × Fail

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 77.7741, 0.3360, 0.3261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

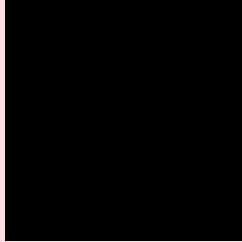
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 77.7741, 0.3360, 0.3261

Background



This preview shows how black text looks on a background with the Yxy color 77.7741, 0.3360, 0.3261.

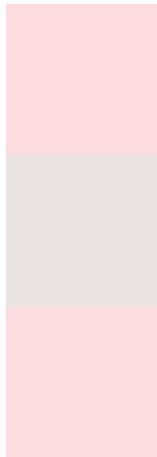


This preview shows how white text looks on a background with the Yxy color 77.7741, 0.3360, 0.3261.

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

77.7741, 0.3360, 0.3261

Protanopia

77.8079, 0.3169, 0.3290

Deuteranopia

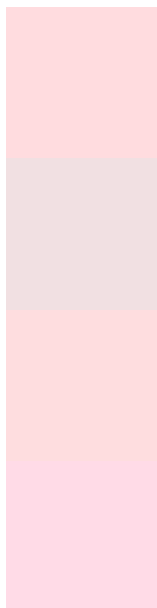
77.9233, 0.3344, 0.3271



Tritanopia

77.9212, 0.3278, 0.3132

Trichromacy



Original Color

77.7741, 0.3360, 0.3261

Protanomaly

77.5031, 0.3234, 0.3270

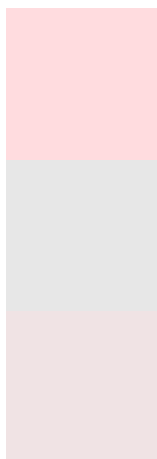
Deuteranomaly

78.1114, 0.3352, 0.3271

Tritanomaly

77.6926, 0.3306, 0.3171

Monochromacy



Original Color

77.7741, 0.3360, 0.3261

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

79.0649, 0.3211, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.7741, 0.3360, 0.3261 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, 220, 223)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 223)  
}
```

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, 220, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 223) }
```

Border

The CSS property to change the border of an element to Yxy 77.7741, 0.3360, 0.3261 is called "border". The border property can be set on classes, ids or directly on the HTML element.

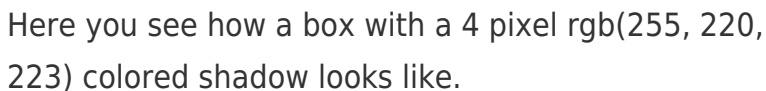
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 220, 223) }
```

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

```
.border{ border-color:rgb(255, 220, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 220, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 220, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 220, 223); box-shadow:4px 4px 4px 4px rgb(255, 220, 223) }
```


Background

The CSS property to change the background color of an element to Yxy 77.7741, 0.3360, 0.3261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 220, 223) }
```

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

```
.background{ background-color: rgb(255,  
220, 223) }
```

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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