

Converting Colors

$Y_{xy}(77.3349, 0.3371, 0.3267)$

Have a look what the booklet for
Yxy(77.3349, 0.3371, 0.3267)
contains.

Yxy(77.1970, 0.3369, 0.3261)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(77.1970, 0.3369, 0.3261)

Conversions

Conversions Part 1

Format	Color
Hex	FFDBDE
RGB	255, 219, 222
RGB Percent	100%, 86%, 87%
CMY	0.0000, 0.1411, 0.1296
CMYK	0.00, 0.14, 0.13, 0.00
HSL	355°, 100%, 93%
HSV	355°, 14%, 100%
XYZ	79.7537, 77.1970, 79.7773
YIQ	230.1060, 20.4930, 8.5650

Conversions

Conversions Part 2

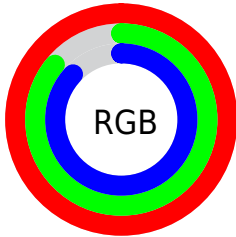
Format	Color
R_{YB}	255, 219, 222
Decimal	16767966
CIE _{Lab}	90.41, 12.93, 3.17
CIE _{LCh}	90, 13.309, 13.763
Yxy	77.1970, 0.3369, 0.3261
Android (android.graphics.Color)	4294958046 (0xFFFFDBDE)
YUV	230.1060, -3.9963, 21.8320
Hunter-Lab	87.8618, 8.2693, 7.6688

Details

The Yxy color $77.1970, 0.3369, 0.3261$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $93.6125, 0.2927, 0.3319$, and the grayscale version is $79.2316, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $41.3467, 0.3425, 0.3252$ is the 20% darker color. If you saturate the color by 10%, you get $63.7280, 0.3592, 0.3239$, and if you desaturate by 10%, it is $92.8828, 0.3190, 0.3282$.

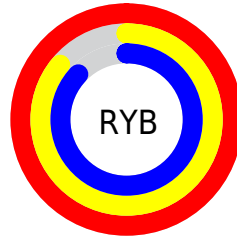
Distribution



Red (100%)

Green (86%)

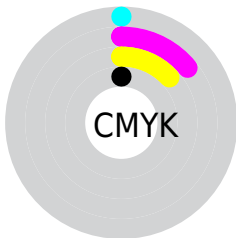
Blue (87%)



Red (100%)

Yellow (86%)

Blue (87%)

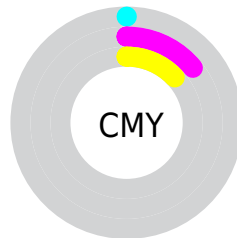


Cyan (0%)

Magenta (14%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.1970, 0.3369, 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 77.1970, 0.3369, 0.3261 by changing the saturation by 10% instead.


 77.1970, 0.3369,
0.3261

 77.1970, 0.3369,
0.3261


485.4354, 0.3258,
0.3275

 57.4146, 0.3394,
0.3258


129.4175, 0.3331,
0.3266

 41.3382, 0.3425,
0.3253


162.6244, 0.3316,
0.3268

 28.5834, 0.3465,
0.3248


201.0749, 0.3303,
0.3270

 18.7659, 0.3516,
0.3240

245.1534, 0.3291,
0.3271

 11.5013, 0.3586,
0.3230

295.2444, 0.3281,
0.3272

 6.4051, 0.3686,
0.3214

351.7321, 0.3273,

 3.0929, 0.3841,

0.3273

0.3187

415.0010, 0.3265,
0.3274

■ 1.1804, 0.4115,
0.3135

■ 0.0456, 0.8872,
0.1128

■ 77.1970, 0.3369,
0.3261

■ 77.1970, 0.3369,
0.3261

■ 63.7280, 0.3592,
0.3239

■ 92.8828, 0.3190,
0.3282

■ 52.3694, 0.3870,
0.3217

100.0000, 0.3127,
0.3290

■ 43.0162, 0.4209,
0.3197

■ 35.5519, 0.4610,
0.3181

■ 29.8479, 0.5060,
0.3175

■ 25.7594, 0.5521,
0.3182

■ 23.1188, 0.5932,
0.3205

■ 21.7215, 0.6226,
0.3242

■ 21.3139, 0.6333,
0.3263

Harmonies

Analogous

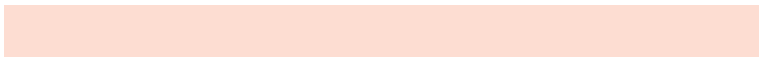
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.1970, 0.3237, 0.3136



77.1970, 0.3369, 0.3261



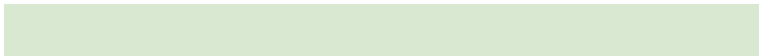
77.1970, 0.3435, 0.3396

Triad

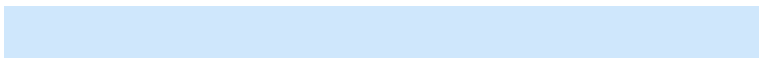
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.1970, 0.3369, 0.3261



77.1970, 0.3171, 0.3545



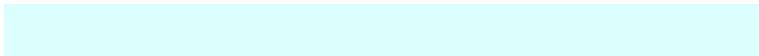
77.1970, 0.2845, 0.3067

Complementary

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



77.1970, 0.3369, 0.3261



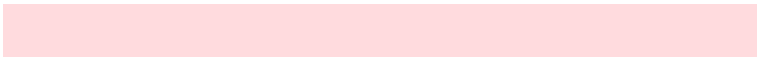
93.6125, 0.2927, 0.3319

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.



77.1970, 0.2829, 0.3172



77.1970, 0.3369, 0.3261



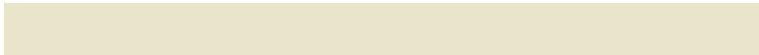
77.1970, 0.3014, 0.3452

Square

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



77.1970, 0.3369, 0.3261



77.1970, 0.3318, 0.3565



77.1970, 0.2890, 0.3313



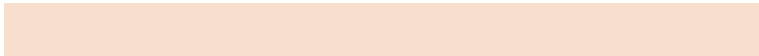
77.1970, 0.2935, 0.3025

Rectangle

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



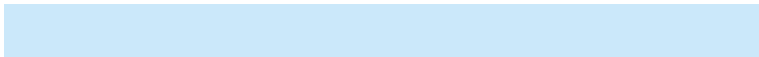
77.1970, 0.3369, 0.3261



77.1970, 0.3432, 0.3475



77.1970, 0.2890, 0.3313



77.1970, 0.2831, 0.3096

Sweetspot

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



77.1993, 0.3369, 0.3261



93.0754, 0.3188, 0.3282



78.5829, 0.3123, 0.2938



19.6521, 0.3200, 0.3281



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

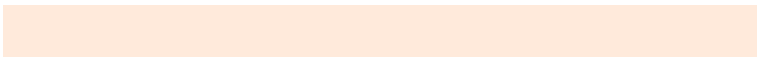
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.1993, 0.3369, 0.3261



73.0892, 0.3428, 0.3255



85.2233, 0.3368, 0.3440



18.0113, 0.3281, 0.3271



11.1453, 0.6314, 0.3252



1.0931, 0.6131, 0.3151

Inverse Universe

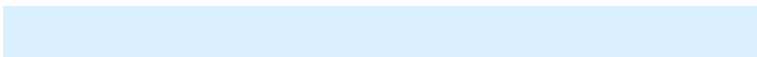
The Inverse Universe completely reimagines the original color for something new.



77.1993, 0.3369, 0.3261



73.0892, 0.3428, 0.3255



84.6035, 0.2906, 0.3135



18.0113, 0.3281, 0.3271



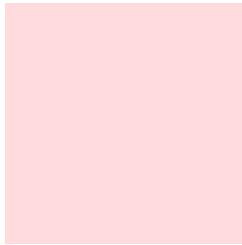
11.1453, 0.6314, 0.3252



1.0931, 0.6131, 0.3151

Previews

White Background



This preview shows how the Yxy color 77.1970, 0.3369, 0.3261 looks on a white background.

Color Contrast Check

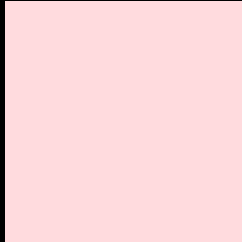
Large Text (above 18pt) WCAG AA × Fail

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 77.1970, 0.3369, 0.3261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

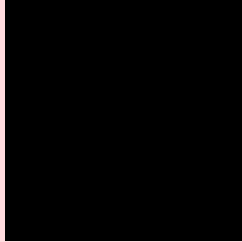
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

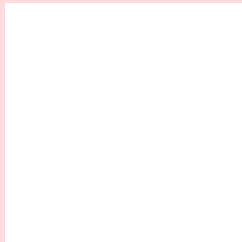
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.1970, 0.3369, 0.3261

Background



This preview shows how black text looks on a background with the Yxy color 77.1970, 0.3369, 0.3261.

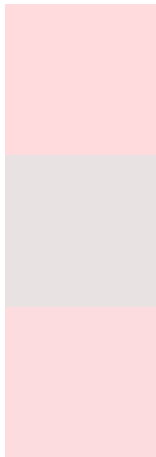


This preview shows how white text looks on a background with the Yxy color 77.1970, 0.3369, 0.3261.

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

77.1970, 0.3369, 0.3261

Protanopia

77.5850, 0.3168, 0.3301

Deuteranopia

77.1558, 0.3345, 0.3270



Tritanopia

77.3433, 0.3286, 0.3131

Trichromacy



Original Color

77.1970, 0.3369, 0.3261

Protanomaly

77.2728, 0.3234, 0.3280

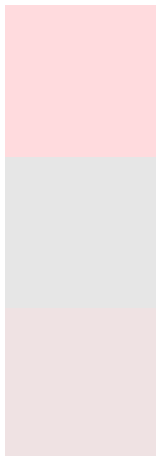
Deuteranomaly

77.3430, 0.3353, 0.3271

Tritanomaly

77.1160, 0.3314, 0.3171

Monochromacy



Original Color

77.1970, 0.3369, 0.3261

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

78.2895, 0.3212, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.1970, 0.3369, 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, 219, 222)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 222)  
}
```

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, 219, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 222) }
```

Border

The CSS property to change the border of an element to Yxy 77.1970, 0.3369, 0.3261 is called "border". The border property can be set on classes, ids or directly on the HTML element.

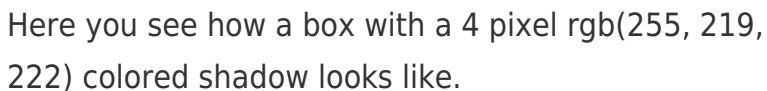
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 219, 222) }
```

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

```
.border{ border-color:rgb(255, 219, 222) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 219, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 219, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 219, 222); box-shadow:4px 4px 4px 4px rgb(255, 219, 222) }
```


Background

The CSS property to change the background color of an element to Yxy 77.1970, 0.3369, 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, 219, 222) }
```

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

```
.background{ background-color: rgb(255,  
219, 222) }
```

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