

Converting Colors

$Y_{xy}(77.3376, 0.3405, 0.3322)$

Have a look what the booklet for
Yxy(77.3376, 0.3405, 0.3322)
contains.

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Color

Yxy(77.4562, 0.3403, 0.3321)

Conversions

Conversions Part 1

Format	Color
Hex	FFDCD9
RGB	255, 220, 217
RGB Percent	100%, 86%, 85%
CMY	0.0000, 0.1373, 0.1490
CMYK	0.00, 0.14, 0.15, 0.00
HSL	5°, 100%, 93%
HSV	5°, 15%, 100%
XYZ	79.3687, 77.4562, 76.4067
YIQ	230.1230, 21.8230, 6.4870

Conversions

Conversions Part 2

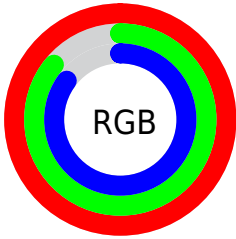
Format	Color
R _Y B	255, 220, 217
Decimal	16768217
CIE Lab	90.53, 11.65, 5.95
CIE LCh	91, 13.084, 27.036
Yxy	77.4562, 0.3403, 0.3321
Android (android.graphics.Color)	4294958297 (0xFFFFDCD9)
YUV	230.1230, -6.4696, 21.8171
Hunter-Lab	88.0092, 6.9592, 10.1328

Details

The Yxy color **77.4562, 0.3403, 0.3321** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91.5920, 0.2899, 0.3259**, and the grayscale version is **79.2574, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.5247, 0.3469, 0.3330** is the 20% darker color. If you saturate the color by 10%, you get **64.7506, 0.3643, 0.3344**, and if you desaturate by 10%, it is **92.0888, 0.3208, 0.3300**.

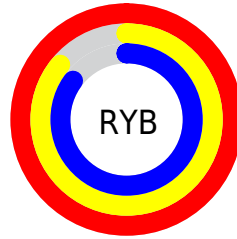
Distribution



Red (100%)

Green (86%)

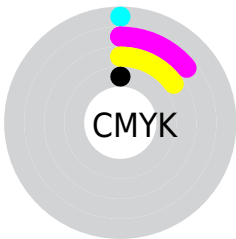
Blue (85%)



Red (100%)

Yellow (86%)

Blue (85%)

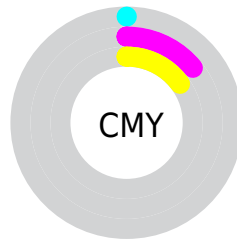


Cyan (0%)

Magenta (14%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.4562, 0.3403, 0.3321 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 77.4562, 0.3403, 0.3321 by changing the saturation by 10% instead.


 77.4562, 0.3403,
0.3321

 77.4562, 0.3403,
0.3321


486.3180, 0.3276,
0.3308

 57.6274, 0.3432,
0.3324

129.7833, 0.3359,
0.3317

 41.5091, 0.3468,
0.3327

163.0503, 0.3342,
0.3315

 28.7171, 0.3513,
0.3330

201.5655, 0.3327,
0.3314

 18.8669, 0.3571,
0.3334

245.7132, 0.3314,
0.3312

 11.5742, 0.3651,
0.3339

295.8780, 0.3303,
0.3311

 6.4544, 0.3766,
0.3344

352.4441, 0.3293,

 3.1233, 0.3943,

0.3310

0.3349

415.7960, 0.3284,
0.3309

■ 1.1965, 0.4260,
0.3350

■ 0.0588, 0.8527,
0.1473

■ 77.4562, 0.3403,
0.3321

■ 77.4562, 0.3403,
0.3321

■ 64.7506, 0.3643,
0.3344

■ 92.0888, 0.3208,
0.3300

■ 53.9059, 0.3939,
0.3366

100.0000, 0.3127,
0.3290

■ 44.8301, 0.4295,
0.3388

■ 37.4294, 0.4712,
0.3404

■ 31.6010, 0.5169,
0.3412

■ 27.2312, 0.5625,
0.3407

■ 24.1905, 0.6016,
0.3385

■ 22.3268, 0.6277,
0.3350

■ 21.7646, 0.6357,
0.3334

Harmonies

Analogous

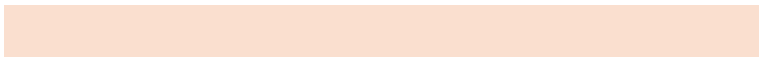
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.4562, 0.3298, 0.3190



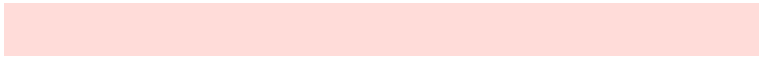
77.4562, 0.3403, 0.3321



77.4562, 0.3432, 0.3448

Triad

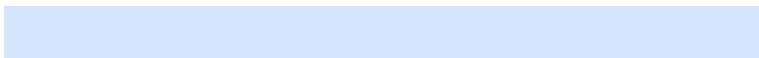
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.4562, 0.3403, 0.3321



77.4562, 0.3100, 0.3508



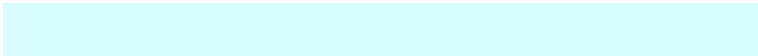
77.4562, 0.2881, 0.3045

Complementary

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



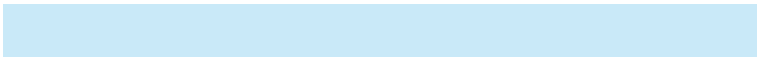
77.4562, 0.3403, 0.3321



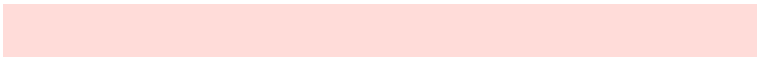
91.5920, 0.2899, 0.3259

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.



77.4562, 0.2832, 0.3122



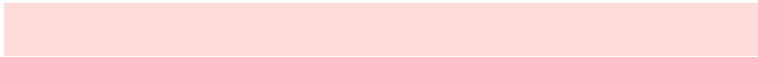
77.4562, 0.3403, 0.3321



77.4562, 0.2956, 0.3392

Square

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



77.4562, 0.3403, 0.3321



77.4562, 0.3255, 0.3561



77.4562, 0.2859, 0.3249



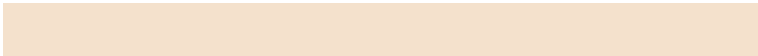
77.4562, 0.2996, 0.3033

Rectangle

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



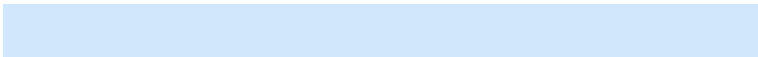
77.4562, 0.3403, 0.3321



77.4562, 0.3404, 0.3513



77.4562, 0.2859, 0.3249



77.4562, 0.2856, 0.3064

Sweetspot

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



77.4511, 0.3403, 0.3321



93.5117, 0.3193, 0.3298



77.9396, 0.3161, 0.2944



19.7619, 0.3206, 0.3300



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

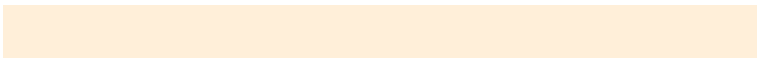
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.4511, 0.3403, 0.3321



73.3170, 0.3472, 0.3328



87.7275, 0.3375, 0.3504



18.2172, 0.3293, 0.3309



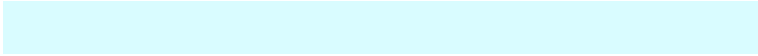
11.4530, 0.6344, 0.3345



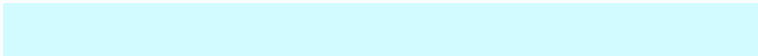
1.1908, 0.6222, 0.3442

Inverse Universe

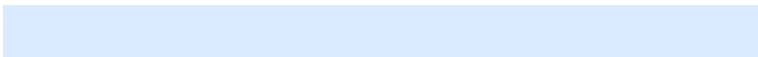
The Inverse Universe completely reimagines the original color for something new.



91.5920, 0.2899, 0.3259



90.0209, 0.2853, 0.3252



80.5105, 0.2892, 0.3066



20.2216, 0.2980, 0.3271



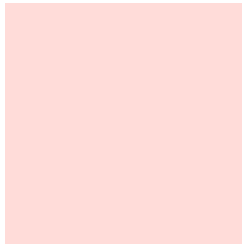
34.8860, 0.2178, 0.3041



3.4665, 0.2187, 0.3071

Previews

White Background



This preview shows how the Yxy color 77.4562, 0.3403, 0.3321 looks on a white background.

Color Contrast Check

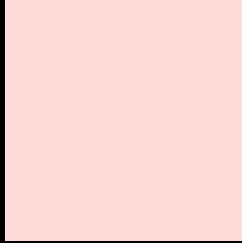
Large Text (above 18pt) WCAG AA × Fail

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 77.4562, 0.3403, 0.3321 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

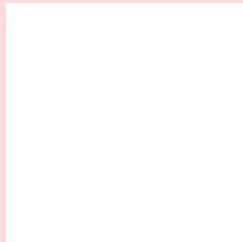
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.4562, 0.3403, 0.3321

Background



This preview shows how black text looks on a background with the Yxy color 77.4562, 0.3403, 0.3321.

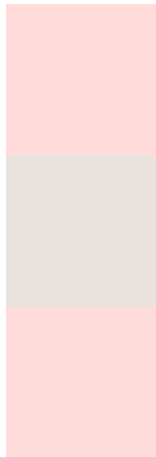


This preview shows how white text looks on a background with the Yxy color 77.4562, 0.3403, 0.3321.

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

77.4562, 0.3403, 0.3321

Protanopia

77.6511, 0.3215, 0.3353

Deuteranopia

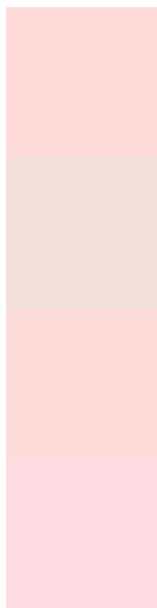
77.2670, 0.3395, 0.3321



Tritanopia

77.3433, 0.3286, 0.3131

Trichromacy



Original Color

77.4562, 0.3403, 0.3321

Protanomaly

77.3559, 0.3282, 0.3332

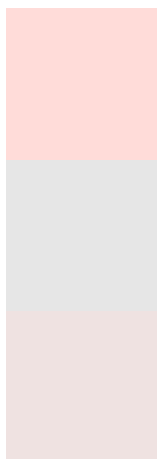
Deuteranomaly

77.2670, 0.3395, 0.3321

Tritanomaly

77.5245, 0.3327, 0.3201

Monochromacy



Original Color

77.4562, 0.3403, 0.3321

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

78.1797, 0.3225, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.4562, 0.3403, 0.3321 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, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 217)  
}
```

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, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 217) }
```

Border

The CSS property to change the border of an element to Yxy 77.4562, 0.3403, 0.3321 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, 217) }
```

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

```
.border{ border-color:rgb(255, 220, 217) }
```

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, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 220, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 220, 217); box-shadow:4px 4px 4px 4px rgb(255, 220, 217) }
```


Background

The CSS property to change the background color of an element to Yxy 77.4562, 0.3403, 0.3321 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, 217) }
```

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

```
.background{ background-color: rgb(255,  
220, 217) }
```

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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