

Converting Colors

$Y_{xy}(80.7170, 0.3553, 0.3385)$

Have a look what the booklet for
Yxy(80.7170, 0.3553, 0.3385)
contains.

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Color

Yxy(77.6761, 0.3443, 0.3392)

Conversions

Conversions Part 1

Format	Color
Hex	FFDDD3
RGB	255, 221, 211
RGB Percent	100%, 87%, 83%
CMY	0.0002, 0.1333, 0.1725
CMYK	0.00, 0.13, 0.17, 0.00
HSL	14°, 100%, 91%
HSV	14°, 17%, 100%
XYZ	78.8440, 77.6761, 72.4778
YIQ	230.0260, 23.4740, 4.0980

Conversions

Conversions Part 2

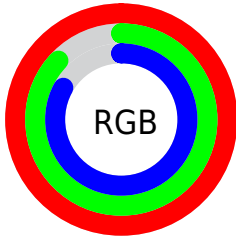
Format	Color
R _Y B	255, 224, 211
Decimal	16768467
CIE Lab	90.63, 10.18, 9.22
CIE LCh	91, 13.735, 42.170
Yxy	77.6761, 0.3443, 0.3392
Android (android.graphics.Color)	4294958547 (0xFFFFDDD3)
YUV	230.0260, -9.3798, 21.9022
Hunter-Lab	88.1340, 5.4500, 12.9362

Details

The Yxy color **77.6761, 0.3443, 0.3392** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.3471, 0.2861, 0.3186**, and the grayscale version is **79.2086, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.7125, 0.3514, 0.3408** is the 20% darker color. If you saturate the color by 10%, you get **66.7030, 0.3678, 0.3456**, and if you desaturate by 10%, it is **90.0787, 0.3247, 0.3331**.

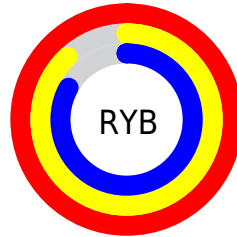
Distribution



Red (100%)

Green (87%)

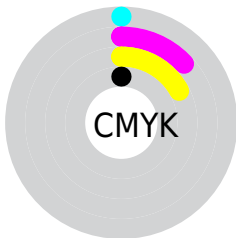
Blue (83%)



Red (100%)

Yellow (88%)

Blue (83%)

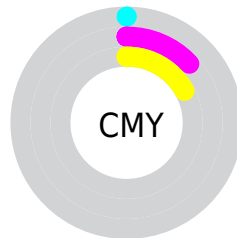


Cyan (0%)

Magenta (13%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.6761, 0.3443, 0.3392 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 77.6761, 0.3443, 0.3392 by changing the saturation by 10% instead.

 77.6761, 0.3443,
0.3392

 77.6761, 0.3443,
0.3392

487.0661, 0.3298,
0.3347

 57.8079, 0.3476,
0.3402


130.0934, 0.3393,
0.3377

 41.6543, 0.3517,
0.3413


163.4114, 0.3373,
0.3371

 28.8307, 0.3568,
0.3428


201.9814, 0.3356,
0.3366

 18.9528, 0.3636,
0.3446

246.1879, 0.3341,
0.3361

 11.6361, 0.3727,
0.3469

296.4152, 0.3328,
0.3357

 6.4964, 0.3857,
0.3499

353.0477, 0.3317,

 3.1492, 0.4059,

0.3353

0.3540

416.4699, 0.3307,
0.3350

■ 1.2101, 0.4455,
0.3633

■ 0.0700, 0.8183,
0.1817

■ 77.6761, 0.3443,
0.3392

■ 77.6761, 0.3443,
0.3392

■ 66.7030, 0.3678,
0.3456

■ 90.0787, 0.3247,
0.3331

■ 57.0975, 0.3959,
0.3520

99.9916, 0.3127,
0.3290

■ 48.8084, 0.4288,
0.3579

■ 41.7772, 0.4662,
0.3627

■ 35.9411, 0.5065,
0.3653

■ 31.2313, 0.5469,
0.3647

■ 27.5719, 0.5826,
0.3602

■ 24.8755, 0.6093,
0.3520

■ 24.2808, 0.6154,
0.3496

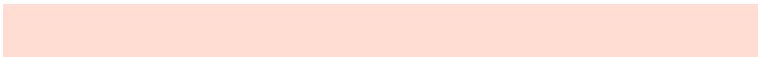
Harmonies

Analogous

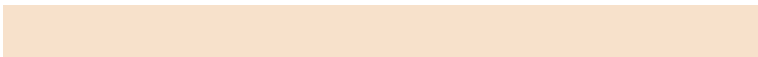
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.6761, 0.3370, 0.3253



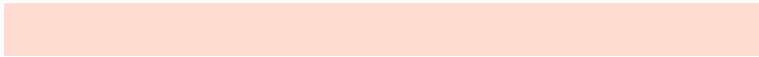
77.6761, 0.3443, 0.3392



77.6761, 0.3428, 0.3509

Triad

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



77.6761, 0.3443, 0.3392



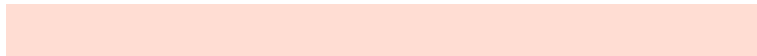
77.6761, 0.3019, 0.3463



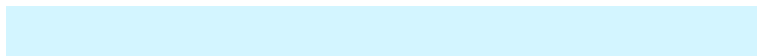
77.6761, 0.2923, 0.3018

Complementary

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



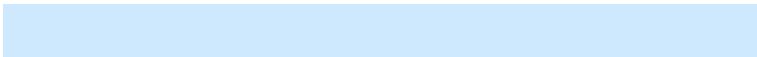
77.6761, 0.3443, 0.3392



86.3471, 0.2861, 0.3186

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.



77.6761, 0.2834, 0.3065



77.6761, 0.3443, 0.3392



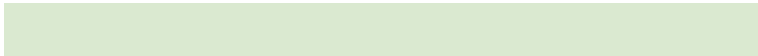
77.6761, 0.2888, 0.3322

Square

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



77.6761, 0.3443, 0.3392



77.6761, 0.3180, 0.3556



77.6761, 0.2822, 0.3175



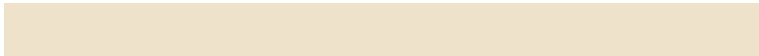
77.6761, 0.3068, 0.3041

Rectangle

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



77.6761, 0.3443, 0.3392



77.6761, 0.3371, 0.3559



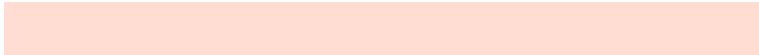
77.6761, 0.2822, 0.3175



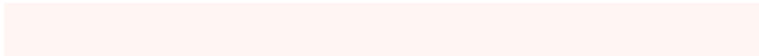
77.6761, 0.2886, 0.3026

Sweetspot

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



77.6796, 0.3443, 0.3392



93.0827, 0.3209, 0.3318



74.4696, 0.3212, 0.2951



19.7218, 0.3221, 0.3322



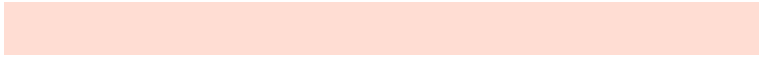
0.0000, 0.0000, 0.0000



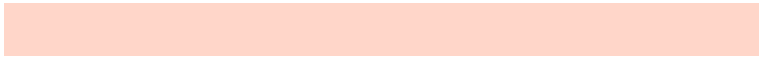
21.4041, 0.3127, 0.3290

Same Dimension

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



77.6796, 0.3443, 0.3392



73.4086, 0.3527, 0.3416



89.7626, 0.3407, 0.3603



18.6576, 0.3289, 0.3345



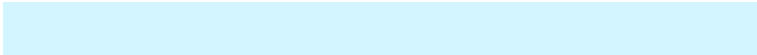
12.8754, 0.6127, 0.3517



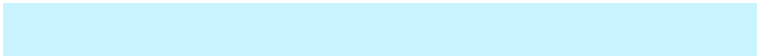
1.4096, 0.5915, 0.3686

Inverse Universe

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



86.3471, 0.2861, 0.3186



83.6884, 0.2804, 0.3161



74.0953, 0.2850, 0.2956



19.7389, 0.2980, 0.3235



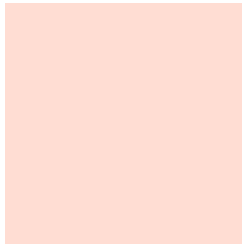
24.8646, 0.2038, 0.2537



2.5841, 0.2065, 0.2633

Previews

White Background



This preview shows how the Yxy color 77.6761, 0.3443, 0.3392 looks on a white background.

Color Contrast Check

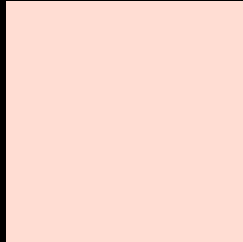
Large Text (above 18pt) WCAG AA × Fail

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 77.6761, 0.3443, 0.3392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

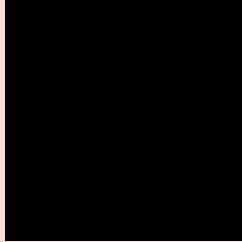
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 77.6761, 0.3443, 0.3392

Background



This preview shows how black text looks on a background with the Yxy color 77.6761, 0.3443, 0.3392.

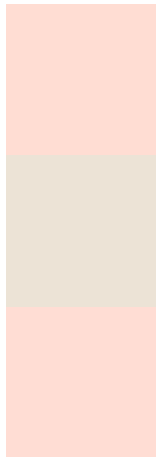


This preview shows how white text looks on a background with the Yxy color 77.6761, 0.3443, 0.3392.

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

77.6761, 0.3443, 0.3392

Protanopia

77.6261, 0.3276, 0.3427

Deuteranopia

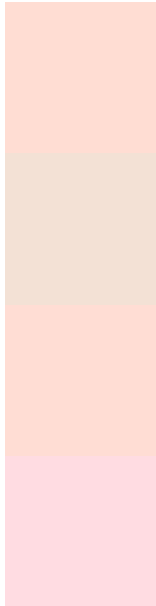
77.7264, 0.3436, 0.3382



Tritanopia

77.8635, 0.3285, 0.3141

Trichromacy



Original Color

77.6761, 0.3443, 0.3392

Protanomaly

77.7092, 0.3335, 0.3415

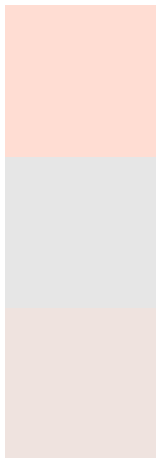
Deuteranomaly

77.7264, 0.3436, 0.3382

Tritanomaly

77.9374, 0.3339, 0.3231

Monochromacy



Original Color

77.6761, 0.3443, 0.3392

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

78.6166, 0.3237, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.6761, 0.3443, 0.3392 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, 221, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 211)  
}
```

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, 221, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 211) }
```

Border

The CSS property to change the border of an element to Yxy 77.6761, 0.3443, 0.3392 is called "border". The border property can be set on classes, ids or directly on the HTML element.

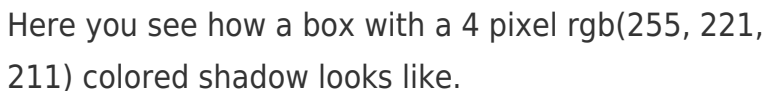
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 221, 211) }
```

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

```
.border{ border-color:rgb(255, 221, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 221, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 77.6761, 0.3443, 0.3392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 211) }
```

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

```
.background{ background-color: rgb(255,  
221, 211) }
```

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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