

Converting Colors

$Y_{xy}(76.0178, 0.3422, 0.3318)$

Have a look what the booklet for
Yxy(76.0178, 0.3422, 0.3318)
contains.

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Color

Yxy(75.7920, 0.3421, 0.3311)

Conversions

Conversions Part 1

Format	Color
Hex	FFD9D7
RGB	255, 217, 215
RGB Percent	100%, 85%, 84%
CMY	0.0002, 0.1489, 0.1568
CMYK	0.00, 0.15, 0.16, 0.00
HSL	3°, 100%, 92%
HSV	3°, 16%, 100%
XYZ	78.3100, 75.7920, 74.8077
YIQ	228.1340, 23.2900, 7.4340

Conversions

Conversions Part 2

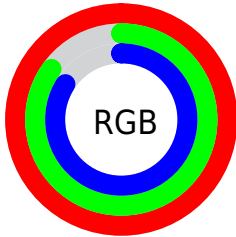
Format	Color
R _Y B	255, 217, 215
Decimal	16767447
CIE Lab	89.76, 12.86, 5.87
CIE LCh	90, 14.140, 24.531
Yxy	75.7920, 0.3421, 0.3311
Android (android.graphics.Color)	4294957527 (0xFFFFD9D7)
YUV	228.1340, -6.4751, 23.5615
Hunter-Lab	87.0586, 8.2098, 9.9943

Details

The Yxy color **75.7920, 0.3421, 0.3311** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91.8980, 0.2888, 0.3269**, and the grayscale version is **77.7222, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.3845, 0.3495, 0.3317** is the 20% darker color. If you saturate the color by 10%, you get **62.9992, 0.3668, 0.3326**, and if you desaturate by 10%, it is **90.6287, 0.3222, 0.3297**.

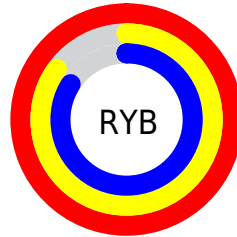
Distribution



Red (100%)

Green (85%)

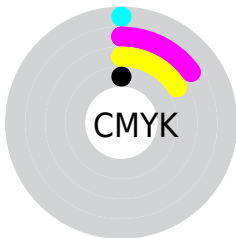
Blue (84%)



Red (100%)

Yellow (85%)

Blue (84%)

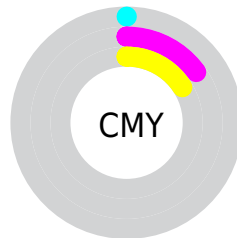


Cyan (0%)

Magenta (15%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.7920, 0.3421, 0.3311 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 75.7920, 0.3421, 0.3311 by changing the saturation by 10% instead.


 75.7920, 0.3421,
0.3311

 75.7920, 0.3421,
0.3311


480.6354, 0.3285,
0.3303

 56.2620, 0.3452,
0.3312


127.4328, 0.3374,
0.3309

 40.4130, 0.3490,
0.3314


160.3124, 0.3356,
0.3307

 27.8607, 0.3539,
0.3316


198.4107, 0.3340,
0.3306

 18.2207, 0.3602,
0.3318

242.1120, 0.3326,
0.3306

 11.1085, 0.3689,
0.3319

291.8007, 0.3314,
0.3305

 6.1399, 0.3814,
0.3320

347.8612, 0.3303,

 2.9303, 0.4009,

0.3304

0.3316

410.6780, 0.3294,
0.3304

■ 1.0955, 0.4372,
0.3311

■ 0.0000, 1.0000,
0.0000

■ 75.7920, 0.3421,
0.3311

■ 75.7920, 0.3421,
0.3311

■ 62.9992, 0.3668,
0.3326

■ 90.6287, 0.3222,
0.3297

■ 52.1510, 0.3974,
0.3340

99.9925, 0.3127,
0.3290

■ 43.1554, 0.4343,
0.3354

■ 35.9089, 0.4773,
0.3364

■ 30.2975, 0.5242,
0.3369

■ 26.1942, 0.5701,
0.3364

■ 23.4530, 0.6081,
0.3349

■ 21.8989, 0.6317,
0.3326

■ 21.5335, 0.6376,
0.3319

Harmonies

Analogous

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



75.7920, 0.3301, 0.3170



75.7920, 0.3421, 0.3311



75.7920, 0.3460, 0.3451

Triad

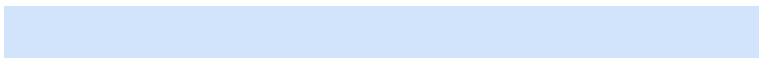
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.7920, 0.3421, 0.3311



75.7920, 0.3112, 0.3535



75.7920, 0.2852, 0.3028

Complementary

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



75.7920, 0.3421, 0.3311



91.8980, 0.2888, 0.3269

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.



75.7920, 0.2805, 0.3117



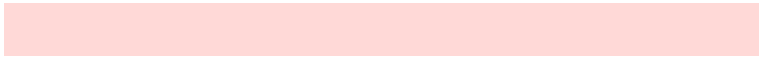
75.7920, 0.3421, 0.3311



75.7920, 0.2953, 0.3413

Square

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



75.7920, 0.3421, 0.3311



75.7920, 0.3279, 0.3586



75.7920, 0.2842, 0.3258



75.7920, 0.2972, 0.3009

Rectangle

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



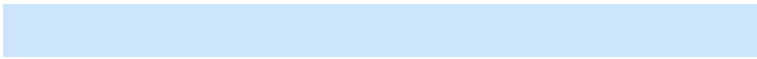
75.7920, 0.3421, 0.3311



75.7920, 0.3434, 0.3525



75.7920, 0.2842, 0.3258



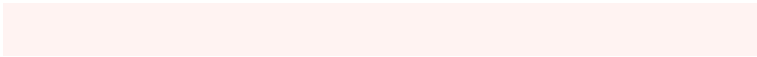
75.7920, 0.2828, 0.3050

Sweetspot

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



75.7954, 0.3421, 0.3311



91.7191, 0.3210, 0.3296



76.9981, 0.3154, 0.2913



19.3917, 0.3223, 0.3297



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

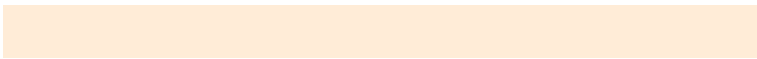
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.7954, 0.3421, 0.3311



71.3286, 0.3498, 0.3316



86.3377, 0.3391, 0.3503



18.1324, 0.3293, 0.3302



11.3161, 0.6366, 0.3327



1.1507, 0.6285, 0.3391

Inverse Universe

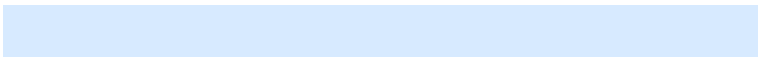
The Inverse Universe completely reimagines the original color for something new.



91.8980, 0.2888, 0.3269



90.4072, 0.2840, 0.3264



80.3214, 0.2880, 0.3068



20.3168, 0.2980, 0.3278



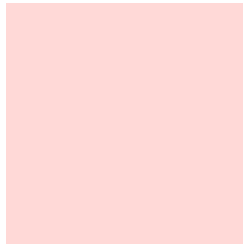
37.1068, 0.2204, 0.3133



3.6588, 0.2209, 0.3152

Previews

White Background



This preview shows how the Yxy color 75.7920, 0.3421, 0.3311 looks on a white background.

Color Contrast Check

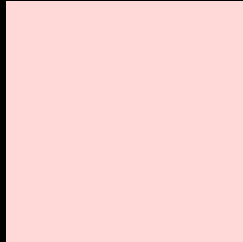
Large Text (above 18pt) WCAG AA × Fail

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 75.7920, 0.3421, 0.3311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

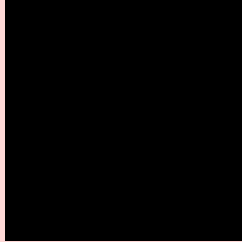
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

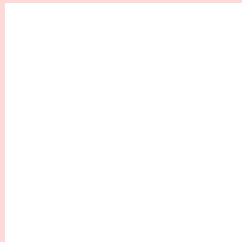
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.7920, 0.3421, 0.3311

Background



This preview shows how black text looks on a background with the Yxy color 75.7920, 0.3421, 0.3311.

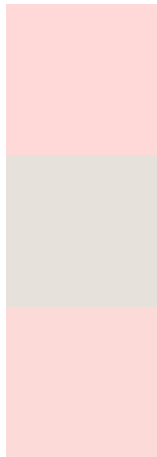


This preview shows how white text looks on a background with the Yxy color 75.7920, 0.3421, 0.3311.

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

75.7920, 0.3421, 0.3311

Protanopia

75.9538, 0.3209, 0.3354

Deuteranopia

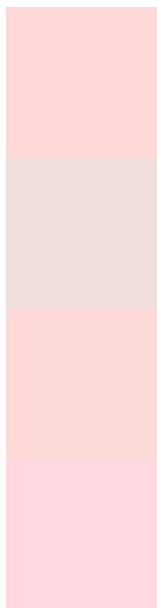
75.7446, 0.3398, 0.3321



Tritanopia

75.6304, 0.3310, 0.3131

Trichromacy



Original Color

75.7920, 0.3421, 0.3311

Protanomaly

75.8298, 0.3283, 0.3332

Deuteranomaly

75.9318, 0.3405, 0.3321

Tritanomaly

75.8080, 0.3351, 0.3200

Monochromacy



Original Color

75.7920, 0.3421, 0.3311

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

76.8162, 0.3233, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.7920, 0.3421, 0.3311 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, 217, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 215)  
}
```

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, 217, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 215) }
```

Border

The CSS property to change the border of an element to Yxy 75.7920, 0.3421, 0.3311 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, 217, 215) }
```

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

```
.border{ border-color:rgb(255, 217, 215) }
```

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

Here you see how a box with a 4 pixel rgb(255, 217, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 75.7920, 0.3421, 0.3311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 215) }
```

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

```
.background{ background-color: rgb(255,  
217, 215) }
```

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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