

Converting Colors

$Y_{xy}(74.2455, 0.3362, 0.3310)$

Have a look what the booklet for
Yxy(74.2455, 0.3362, 0.3310)
contains.

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Color

Yxy(74.3062, 0.3362, 0.3311)

Conversions

Conversions Part 1

Format	Color
Hex	F7D9D7
RGB	247, 217, 215
RGB Percent	97%, 85%, 84%
CMY	0.0312, 0.1491, 0.1568
CMYK	0.00, 0.12, 0.13, 0.03
HSL	4°, 67%, 91%
HSV	4°, 13%, 97%
XYZ	75.4508, 74.3062, 74.6653
YIQ	225.7420, 18.5220, 5.7380

Conversions

Conversions Part 2

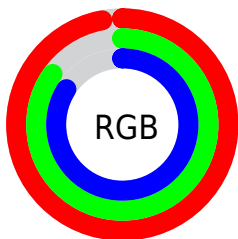
Format	Color
R _Y B	247, 217, 215
Decimal	16243159
CIE Lab	89.07, 10.09, 4.78
CIE LCh	89, 11.163, 25.372
Yxy	74.3062, 0.3362, 0.3311
Android (android.graphics.Color)	4294433239 (0xFFFF7D9D7)
YUV	225.7420, -5.2958, 18.6433
Hunter-Lab	86.2010, 5.3871, 8.9852

Details

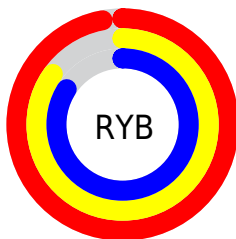
The Yxy color **74.3062, 0.3362, 0.3311** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.5204, 0.2928, 0.3269**, and the grayscale version is **75.8923, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.3259, 0.3417, 0.3318** is the 20% darker color. If you saturate the color by 10%, you get **62.0104, 0.3594, 0.3329**, and if you desaturate by 10%, it is **88.4793, 0.3175, 0.3295**.

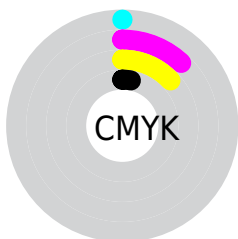
Distribution



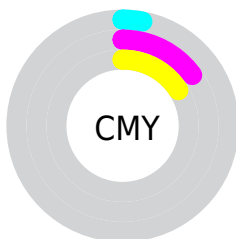
- Red (97%)
- Green (85%)
- Blue (84%)



- Red (97%)
- Yellow (85%)
- Blue (84%)



- Cyan (0%)
- Magenta (12%)
- Yellow (13%)
- Black (3%)




- Cyan (3%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.3062, 0.3362, 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 74.3062, 0.3362, 0.3311 by changing the saturation by 10% instead.


 74.3062, 0.3362,
0.3311

 74.3062, 0.3362,
0.3311


475.5295, 0.3253,
0.3302

 55.0447, 0.3387,
0.3313

125.3298, 0.3324,
0.3308

 39.4375, 0.3418,
0.3315

157.8606, 0.3309,
0.3307

 27.1002, 0.3457,
0.3317

195.5834, 0.3297,
0.3306

 17.6485, 0.3508,
0.3320

238.8824, 0.3286,
0.3305

 10.6979, 0.3578,
0.3323

288.1422, 0.3276,
0.3304

 5.8641, 0.3680,
0.3326

343.7470, 0.3268,

 2.7626, 0.3841,

0.3304

406.0813, 0.3260,
0.3303

0.3329

1.0091, 0.4149,
0.3340

0.0000, 1.0000,
0.0000

74.3062, 0.3362,
0.3311

74.3062, 0.3362,
0.3311

62.0104, 0.3594,
0.3329

88.4793, 0.3175,
0.3295

51.5038, 0.3880,
0.3347

98.5233, 0.3078,
0.3290

42.7060, 0.4228,
0.3364

35.5266, 0.4638,
0.3378

■ 29.8670, 0.5095,
0.3386

■ 25.6177, 0.5560,
0.3383

■ 22.6546, 0.5969,
0.3368

■ 20.8318, 0.6255,
0.3342

■ 20.1308, 0.6368,
0.3326

Harmonies

Analogous

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



74.3062, 0.3269, 0.3198



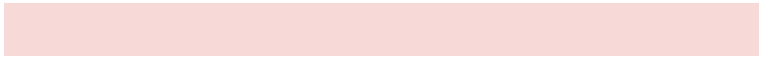
74.3062, 0.3362, 0.3311



74.3062, 0.3391, 0.3422

Triad

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



74.3062, 0.3362, 0.3311



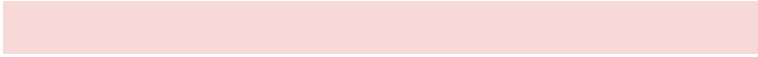
74.3062, 0.3112, 0.3482



74.3062, 0.2910, 0.3080

Complementary

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



74.3062, 0.3362, 0.3311



86.5204, 0.2928, 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.



74.3062, 0.2870, 0.3151



74.3062, 0.3362, 0.3311



74.3062, 0.2985, 0.3384

Square

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



74.3062, 0.3362, 0.3311



74.3062, 0.3245, 0.3524



74.3062, 0.2898, 0.3262



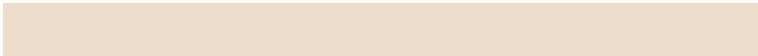
74.3062, 0.3007, 0.3066

Rectangle

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



74.3062, 0.3362, 0.3311



74.3062, 0.3370, 0.3480



74.3062, 0.2898, 0.3262



74.3062, 0.2890, 0.3098

Sweetspot

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



74.3095, 0.3362, 0.3311



93.4043, 0.3193, 0.3296



75.0121, 0.3153, 0.2985



19.7349, 0.3206, 0.3297



0.0000, 0.0000, 0.0000



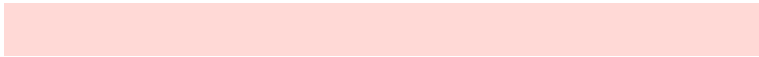
21.4041, 0.3127, 0.3290

Same Dimension

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



74.3095, 0.3362, 0.3311



75.6022, 0.3428, 0.3316



82.7616, 0.3341, 0.3470



16.6461, 0.3292, 0.3305



10.7079, 0.6357, 0.3335



0.9975, 0.6248, 0.3421

Inverse Universe

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



86.5204, 0.2928, 0.3269



91.4745, 0.2883, 0.3264



77.4455, 0.2924, 0.3103



18.5728, 0.2981, 0.3275



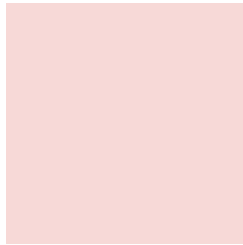
34.0922, 0.2194, 0.3097



3.0484, 0.2201, 0.3123

Previews

White Background



This preview shows how the Yxy color 74.3062, 0.3362, 0.3311 looks on a white background.

Color Contrast Check

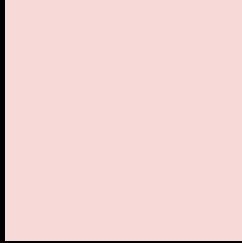
Large Text (above 18pt) WCAG AA × Fail

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 74.3062, 0.3362, 0.3311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

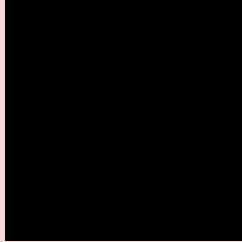
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

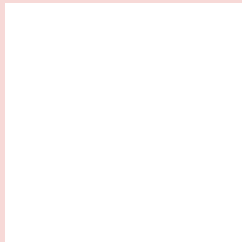
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.3062, 0.3362, 0.3311

Background



This preview shows how black text looks on a background with the Yxy color 74.3062, 0.3362, 0.3311.

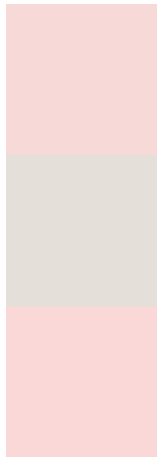


This preview shows how white text looks on a background with the Yxy color 74.3062, 0.3362, 0.3311.

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

74.3062, 0.3362, 0.3311

Protanopia

74.4953, 0.3203, 0.3344

Deuteranopia

74.1578, 0.3378, 0.3301



Tritanopia

74.0024, 0.3267, 0.3118

Trichromacy



Original Color

74.3062, 0.3362, 0.3311

Protanomaly

74.5555, 0.3262, 0.3333

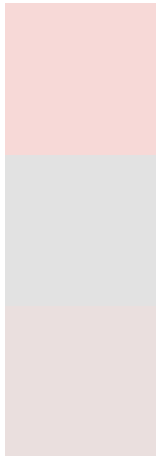
Deuteranomaly

73.9745, 0.3371, 0.3301

Tritanomaly

73.9936, 0.3301, 0.3188

Monochromacy



Original Color

74.3062, 0.3362, 0.3311

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.5417, 0.3212, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3062, 0.3362, 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(247, 217, 215)` looks like.

```
.text, #text, p{  
    color:rgb(247, 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(247, 217, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 217, 215) }
```

Border

The CSS property to change the border of an element to Yxy 74.3062, 0.3362, 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(247, 217, 215) }
```

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

```
.border{ border-color:rgb(247, 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(247, 217, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 217, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 217, 215);  
box-shadow:4px 4px 4px 4px rgb(247, 217,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3062, 0.3362, 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(247, 217, 215) }
```

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

```
.background{ background-color: rgb(247,  
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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