

Converting Colors

$Yxy(78.3845, 0.3890, 0.3356)$

Have a look what the booklet for
Yxy(78.3845, 0.3890, 0.3356)
contains.

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Color

Yxy(69.5261, 0.3561, 0.3363)

Conversions

Conversions Part 1

Format	Color
Hex	FFCEC7
RGB	255, 206, 199
RGB Percent	100%, 81%, 78%
CMY	0.0001, 0.1921, 0.2195
CMYK	0.00, 0.19, 0.22, 0.00
HSL	7°, 100%, 89%
HSV	7°, 22%, 100%
XYZ	73.6195, 69.5261, 63.5927
YIQ	219.8530, 31.4510, 8.2110

Conversions

Conversions Part 2

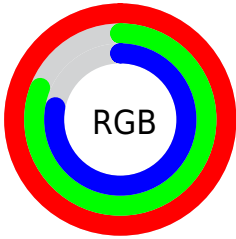
Format	Color
R _Y B	255, 207, 199
Decimal	16764615
CIE Lab	86.76, 16.24, 10.00
CIE LCh	87, 19.071, 31.630
Yxy	69.5261, 0.3561, 0.3363
Android (android.graphics.Color)	4294954695 (0xFFFFCEC7)
YUV	219.8530, -10.2805, 30.8239
Hunter-Lab	83.3823, 11.6813, 13.1493

Details

The Yxy color **69.5261, 0.3561, 0.3363** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.5092, 0.2795, 0.3216**, and the grayscale version is **71.5215, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.5066, 0.3673, 0.3384** is the 20% darker color. If you saturate the color by 10%, you get **58.4468, 0.3832, 0.3399**, and if you desaturate by 10%, it is **82.3363, 0.3339, 0.3328**.

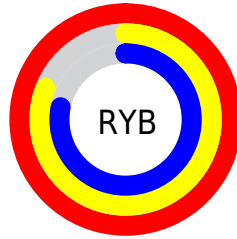
Distribution



Red (100%)

Green (81%)

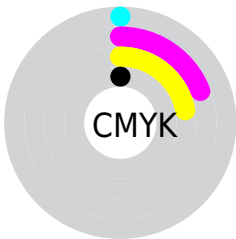
Blue (78%)



Red (100%)

Yellow (81%)

Blue (78%)

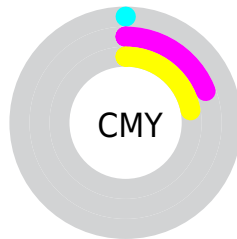


Cyan (0%)

Magenta (19%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.5261, 0.3561, 0.3363 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 69.5261, 0.3561, 0.3363 by changing the saturation by 10% instead.


 69.5261, 0.3561,
0.3363

 69.5261, 0.3561,
0.3363


458.8843, 0.3357,
0.3332

 51.1403, 0.3608,
0.3369

118.5327, 0.3489,
0.3353

 36.3203, 0.3668,
0.3376


149.9223, 0.3462,
0.3349

 24.6816, 0.3743,
0.3385


186.4152, 0.3438,
0.3345

 15.8400, 0.3843,
0.3394

228.3959, 0.3418,
0.3342

 9.4110, 0.3980,
0.3405

276.2488, 0.3400,
0.3339

 5.0102, 0.4182,
0.3416

330.3582, 0.3384,

 2.2533, 0.4505,

0.3337

0.3420

391.1086, 0.3369,
0.3335

0.7488, 0.5680,
0.3740

0.0000, 1.0000,
0.0000

69.5261, 0.3561,
0.3363

69.5261, 0.3561,
0.3363

58.4468, 0.3832,
0.3399

82.3363, 0.3339,
0.3328

49.0150, 0.4160,
0.3433

96.9374, 0.3158,
0.3296

41.1547, 0.4545,
0.3462

99.9976, 0.3127,
0.3290

34.7801, 0.4977,
0.3481

■ 29.7971, 0.5425,
0.3482

■ 26.1008, 0.5838,
0.3459

■ 23.5710, 0.6153,
0.3413

■ 22.2788, 0.6313,
0.3369

Harmonies

Analogous

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



69.5261, 0.3416, 0.3167



69.5261, 0.3561, 0.3363



69.5261, 0.3584, 0.3549

Triad

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



69.5261, 0.3561, 0.3363



69.5261, 0.3049, 0.3601



69.5261, 0.2778, 0.2913

Complementary

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



69.5261, 0.3561, 0.3363



86.5092, 0.2795, 0.3216

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.



69.5261, 0.2689, 0.3010



69.5261, 0.3561, 0.3363



69.5261, 0.2841, 0.3411

Square

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



69.5261, 0.3561, 0.3363



69.5261, 0.3283, 0.3699



69.5261, 0.2712, 0.3191



69.5261, 0.2961, 0.2913

Rectangle

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



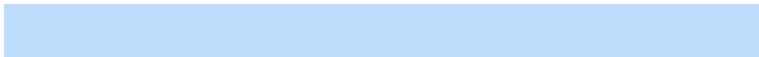
69.5261, 0.3561, 0.3363



69.5261, 0.3528, 0.3643



69.5261, 0.2712, 0.3191



69.5261, 0.2737, 0.2934

Sweetspot

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



69.5293, 0.3561, 0.3363



89.3358, 0.3245, 0.3312



68.9262, 0.3199, 0.2802



18.9338, 0.3256, 0.3314



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.



69.5293, 0.3561, 0.3363



64.8369, 0.3665, 0.3377



83.9660, 0.3502, 0.3638



18.3517, 0.3291, 0.3320



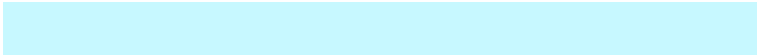
11.7553, 0.6295, 0.3383



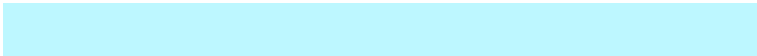
1.2541, 0.6127, 0.3517

Inverse Universe

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



86.5092, 0.2795, 0.3216



84.3611, 0.2737, 0.3200



70.8064, 0.2772, 0.2916



20.0722, 0.2980, 0.3260



31.5619, 0.2136, 0.2891



3.1768, 0.2150, 0.2940

Previews

White Background



This preview shows how the Yxy color 69.5261, 0.3561, 0.3363 looks on a white background.

Color Contrast Check

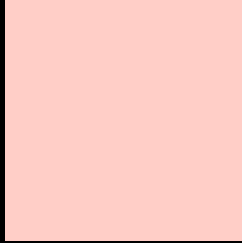
Large Text (above 18pt) WCAG AA × Fail

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 69.5261, 0.3561, 0.3363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

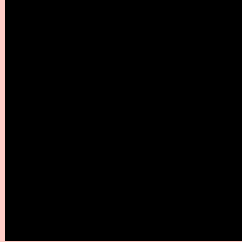
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.5261, 0.3561, 0.3363

Background



This preview shows how black text looks on a background with the Yxy color 69.5261, 0.3561, 0.3363.



This preview shows how white text looks on a background with the Yxy color 69.5261, 0.3561, 0.3363.

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

69.5261, 0.3561, 0.3363

Protanopia

69.8808, 0.3260, 0.3422

Deuteranopia

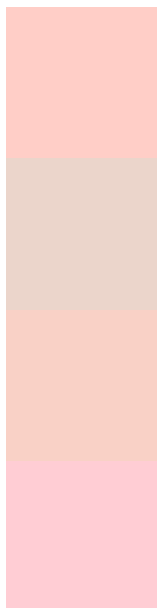
69.7632, 0.3490, 0.3417



Tritanopia

69.5602, 0.3412, 0.3138

Trichromacy



Original Color

69.5261, 0.3561, 0.3363

Protanomaly

69.5625, 0.3363, 0.3398

Deuteranomaly

69.8179, 0.3515, 0.3406

Tritanomaly

69.6761, 0.3463, 0.3220

Monochromacy



Original Color

69.5261, 0.3561, 0.3363

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.6780, 0.3281, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.5261, 0.3561, 0.3363 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, 206, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 199)  
}
```

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, 206, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 199) }
```

Border

The CSS property to change the border of an element to Yxy 69.5261, 0.3561, 0.3363 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, 206, 199) }
```

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

```
.border{ border-color:rgb(255, 206, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 206, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 69.5261, 0.3561, 0.3363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 206, 199) }
```

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

```
.background{ background-color: rgb(255,  
206, 199) }
```

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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