

Converting Colors

$Yxy(79.8399, 0.3900, 0.3366)$

Have a look what the booklet for
Yxy(79.8399, 0.3900, 0.3366)
contains.

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Color

Yxy(70.4953, 0.3557, 0.3384)

Conversions

Conversions Part 1

Format	Color
Hex	FFD0C7
RGB	255, 208, 199
RGB Percent	100%, 82%, 78%
CMY	0.0001, 0.1843, 0.2197
CMYK	0.00, 0.18, 0.22, 0.00
HSL	10°, 100%, 89%
HSV	10°, 22%, 100%
XYZ	74.0992, 70.4953, 63.7249
YIQ	221.0270, 30.9010, 7.1650

Conversions

Conversions Part 2

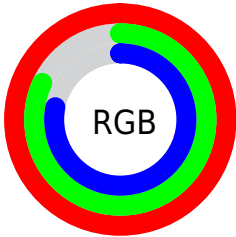
Format	Color
R _Y B	255, 210, 199
Decimal	16765127
CIE Lab	87.24, 15.18, 10.70
CIE LCh	87, 18.578, 35.184
Yxy	70.4953, 0.3557, 0.3384
Android (android.graphics.Color)	4294955207 (0xFFFFD0C7)
YUV	221.0270, -10.8593, 29.7943
Hunter-Lab	83.9615, 10.6005, 13.7732

Details

The Yxy color **70.4953, 0.3557, 0.3384** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.2455, 0.2793, 0.3194**, and the grayscale version is **72.3884, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.1613, 0.3667, 0.3410** is the 20% darker color. If you saturate the color by 10%, you get **59.6753, 0.3823, 0.3430**, and if you desaturate by 10%, it is **82.9266, 0.3338, 0.3340**.

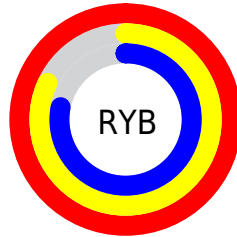
Distribution



Red (100%)

Green (82%)

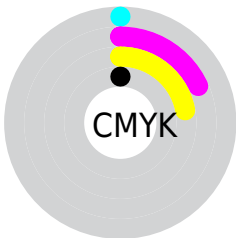
Blue (78%)



Red (100%)

Yellow (82%)

Blue (78%)

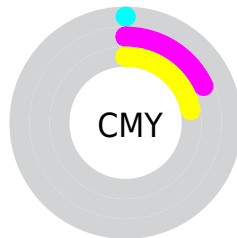


Cyan (0%)

Magenta (18%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (18%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.4953, 0.3557, 0.3384 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 70.4953, 0.3557, 0.3384 by changing the saturation by 10% instead.

 70.4953, 0.3557,
0.3384

 70.4953, 0.3557,
0.3384


462.2872, 0.3355,
0.3344

 51.9304, 0.3604,
0.3392


119.9148, 0.3486,
0.3371

 36.9496, 0.3662,
0.3402

151.5382, 0.3459,
0.3365

 25.1685, 0.3736,
0.3414


188.2833, 0.3436,
0.3361

 16.2026, 0.3834,
0.3428

230.5344, 0.3415,
0.3356

 9.6677, 0.3969,
0.3445

278.6760, 0.3398,
0.3353

 5.1792, 0.4165,
0.3465


333.0924, 0.3382,


 2.3528, 0.4478,

0.3349

0.3483

394.1680, 0.3368,
0.3346

 0.8014, 0.5577,
0.3830


 0.0000, 1.0000,
0.0000


 70.4953, 0.3557,
0.3384


 70.4953, 0.3557,
0.3384

 59.6753, 0.3823,
0.3430

 82.9266, 0.3338,
0.3340

 50.3910, 0.4142,
0.3474

 97.0214, 0.3158,
0.3298

 42.5755, 0.4515,
0.3513

99.9973, 0.3127,
0.3290

 36.1528, 0.4933,
0.3538

■ 31.0402, 0.5368,
0.3542

■ 27.1458, 0.5774,
0.3517

■ 24.3657, 0.6094,
0.3462

■ 22.8505, 0.6266,
0.3407

Harmonies

Analogous

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



70.4953, 0.3429, 0.3193



70.4953, 0.3557, 0.3384



70.4953, 0.3565, 0.3560

Triad

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



70.4953, 0.3557, 0.3384



70.4953, 0.3025, 0.3574



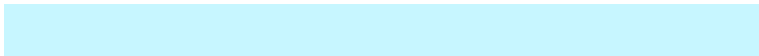
70.4953, 0.2806, 0.2919

Complementary

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



70.4953, 0.3557, 0.3384



85.2455, 0.2793, 0.3194

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.



70.4953, 0.2707, 0.3003



70.4953, 0.3557, 0.3384



70.4953, 0.2830, 0.3382

Square

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



70.4953, 0.3557, 0.3384



70.4953, 0.3252, 0.3681



70.4953, 0.2716, 0.3171



70.4953, 0.2991, 0.2930

Rectangle

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



70.4953, 0.3557, 0.3384



70.4953, 0.3501, 0.3645



70.4953, 0.2716, 0.3171



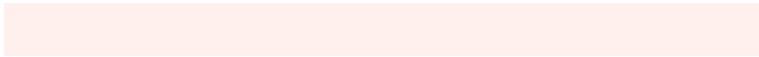
70.4953, 0.2762, 0.2936

Sweetspot

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



70.4985, 0.3557, 0.3384



89.7196, 0.3244, 0.3318



68.7876, 0.3213, 0.2819



19.0223, 0.3255, 0.3321



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

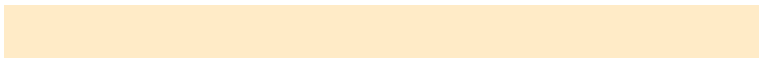
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.4985, 0.3557, 0.3384



65.9467, 0.3658, 0.3403



85.0181, 0.3499, 0.3656



18.4598, 0.3290, 0.3329



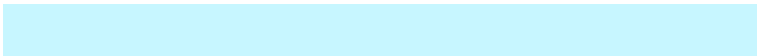
12.0799, 0.6245, 0.3424



1.3047, 0.6054, 0.3575

Inverse Universe

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



85.2455, 0.2793, 0.3194



82.8898, 0.2734, 0.3174



69.8066, 0.2771, 0.2894



19.9534, 0.2980, 0.3251



29.0599, 0.2102, 0.2767



2.9569, 0.2120, 0.2833

Previews

White Background



This preview shows how the Yxy color 70.4953, 0.3557, 0.3384 looks on a white background.

Color Contrast Check

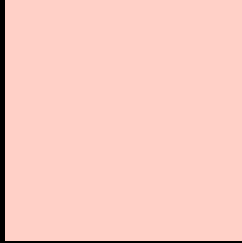
Large Text (above 18pt) WCAG AA × Fail

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 70.4953, 0.3557, 0.3384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

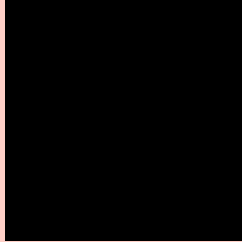
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.4953, 0.3557, 0.3384

Background



This preview shows how black text looks on a background with the Yxy color 70.4953, 0.3557, 0.3384.

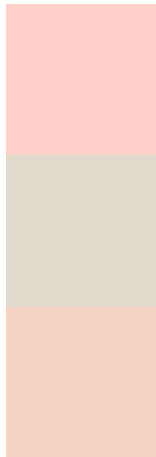


This preview shows how white text looks on a background with the Yxy color 70.4953, 0.3557, 0.3384.

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

70.4953, 0.3557, 0.3384

Protanopia

70.6712, 0.3281, 0.3444

Deuteranopia

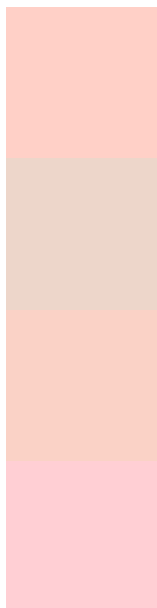
70.4399, 0.3496, 0.3427



Tritanopia

70.5699, 0.3401, 0.3149

Trichromacy



Original Color

70.4953, 0.3557, 0.3384

Protanomaly

70.3619, 0.3384, 0.3419

Deuteranomaly

70.4944, 0.3521, 0.3416

Tritanomaly

70.6391, 0.3460, 0.3240

Monochromacy



Original Color

70.4953, 0.3557, 0.3384

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.2395, 0.3273, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.4953, 0.3557, 0.3384 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, 208, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 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, 208, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 199) }
```

Border

The CSS property to change the border of an element to Yxy 70.4953, 0.3557, 0.3384 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, 208, 199) }
```

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

```
.border{ border-color:rgb(255, 208, 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, 208, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 70.4953, 0.3557, 0.3384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 208, 199) }
```

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

```
.background{ background-color: rgb(255,  
208, 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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