

Converting Colors

$Yxy(69.7597, 0.3557, 0.3385)$

Have a look what the booklet for
Yxy(69.7597, 0.3557, 0.3385)
contains.

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Color

Yxy(69.7737, 0.3559, 0.3384)

Conversions

Conversions Part 1

Format	Color
Hex	FECFC6
RGB	254, 207, 198
RGB Percent	100%, 81%, 78%
CMY	0.0039, 0.1882, 0.2235
CMYK	0.00, 0.19, 0.22, 0.00
HSL	10°, 97%, 89%
HSV	10°, 22%, 100%
XYZ	73.3820, 69.7737, 63.0314
YIQ	220.0270, 30.9010, 7.1650

Conversions

Conversions Part 2

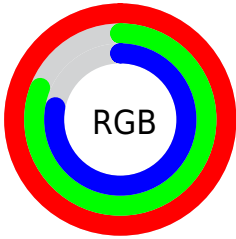
Format	Color
R _Y B	254, 209, 198
Decimal	16699334
CIE Lab	86.89, 15.22, 10.70
CIE LCh	87, 18.606, 35.123
Yxy	69.7737, 0.3559, 0.3384
Android (android.graphics.Color)	4294889414 (0xFFFEFC6)
YUV	220.0270, -10.8593, 29.7943
Hunter-Lab	83.5307, 10.6342, 13.7318

Details

The Yxy color **69.7737, 0.3559, 0.3384** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.4785, 0.2792, 0.3194**, and the grayscale version is **71.6538, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.6664, 0.3670, 0.3411** is the 20% darker color. If you saturate the color by 10%, you get **59.0577, 0.3825, 0.3430**, and if you desaturate by 10%, it is **82.0878, 0.3340, 0.3340**.

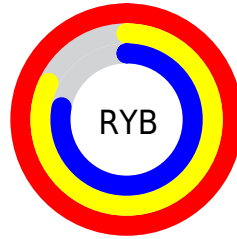
Distribution



Red (100%)

Green (81%)

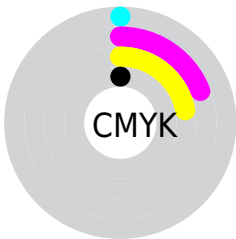
Blue (78%)



Red (100%)

Yellow (82%)

Blue (78%)

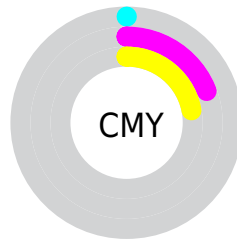


Cyan (0%)

Magenta (19%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (19%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.7737, 0.3559, 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 69.7737, 0.3559, 0.3384 by changing the saturation by 10% instead.


 69.7737, 0.3559,
0.3384

 69.7737, 0.3559,
0.3384

459.7550, 0.3356,
0.3344

 51.3421, 0.3606,
0.3392


118.8860, 0.3488,
0.3371

 36.4809, 0.3665,
0.3402

150.3354, 0.3460,
0.3365

 24.8058, 0.3740,
0.3414


186.8929, 0.3437,
0.3361

 15.9325, 0.3839,
0.3428

228.9428, 0.3416,
0.3356

 9.4764, 0.3975,
0.3445

276.8696, 0.3398,
0.3353

 5.0532, 0.4175,
0.3465

331.0577, 0.3383,

 2.2785, 0.4494,

0.3349

0.3482

391.8913, 0.3368,
0.3346

0.7623, 0.5708,
0.3877

0.0000, 1.0000,
0.0000

69.7737, 0.3559,
0.3384

69.7737, 0.3559,
0.3384

59.0577, 0.3825,
0.3430

82.0878, 0.3340,
0.3340

49.8648, 0.4145,
0.3474

96.0520, 0.3160,
0.3298

42.1285, 0.4519,
0.3512

99.8125, 0.3121,
0.3290

35.7734, 0.4937,
0.3537

■ 30.7171, 0.5372,
0.3540

■ 26.8686, 0.5778,
0.3515

■ 24.1244, 0.6097,
0.3460

■ 22.6437, 0.6267,
0.3406

Harmonies

Analogous

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



69.7737, 0.3430, 0.3192



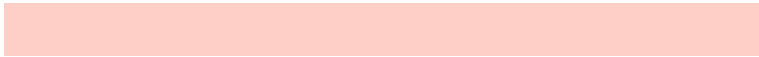
69.7737, 0.3559, 0.3384



69.7737, 0.3567, 0.3561

Triad

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



69.7737, 0.3559, 0.3384



69.7737, 0.3025, 0.3575



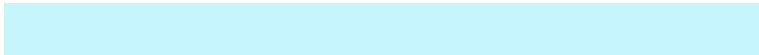
69.7737, 0.2804, 0.2917

Complementary

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



69.7737, 0.3559, 0.3384



84.4785, 0.2792, 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.



69.7737, 0.2705, 0.3002



69.7737, 0.3559, 0.3384



69.7737, 0.2829, 0.3383

Square

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



69.7737, 0.3559, 0.3384



69.7737, 0.3253, 0.3683



69.7737, 0.2714, 0.3171



69.7737, 0.2990, 0.2928

Rectangle

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



69.7737, 0.3559, 0.3384



69.7737, 0.3503, 0.3646



69.7737, 0.2714, 0.3171



69.7737, 0.2760, 0.2935

Sweetspot

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



69.7769, 0.3559, 0.3384



89.7129, 0.3244, 0.3318



68.0952, 0.3213, 0.2818



19.0208, 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.



69.7769, 0.3559, 0.3384



65.9274, 0.3658, 0.3402



84.2292, 0.3501, 0.3658



18.4580, 0.3290, 0.3329



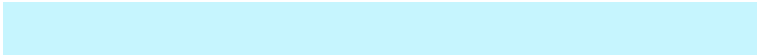
12.0737, 0.6246, 0.3423



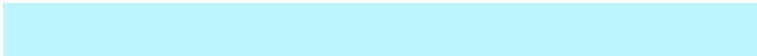
1.3038, 0.6056, 0.3574

Inverse Universe

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



84.4785, 0.2792, 0.3194



82.9151, 0.2734, 0.3175



69.1041, 0.2769, 0.2893



19.9554, 0.2980, 0.3251



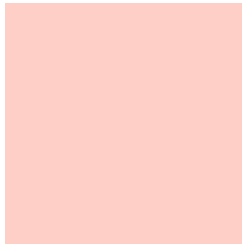
29.1019, 0.2103, 0.2769



2.9606, 0.2121, 0.2835

Previews

White Background



This preview shows how the Yxy color 69.7737, 0.3559, 0.3384 looks on a white background.

Color Contrast Check

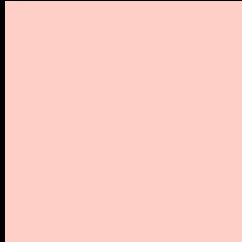
Large Text (above 18pt) WCAG AA × Fail

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 69.7737, 0.3559, 0.3384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

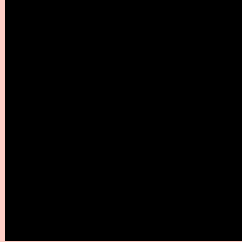
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.7737, 0.3559, 0.3384

Background



This preview shows how black text looks on a background with the Yxy color 69.7737, 0.3559, 0.3384.



This preview shows how white text looks on a background with the Yxy color 69.7737, 0.3559, 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

69.7737, 0.3559, 0.3384

Protanopia

69.9451, 0.3282, 0.3444

Deuteranopia

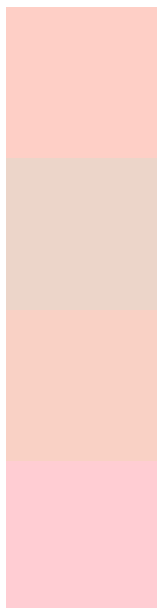
69.7172, 0.3497, 0.3428



Tritanopia

69.5602, 0.3412, 0.3138

Trichromacy



Original Color

69.7737, 0.3559, 0.3384

Protanomaly

69.6384, 0.3385, 0.3420

Deuteranomaly

69.7719, 0.3523, 0.3417

Tritanomaly

69.6258, 0.3471, 0.3230

Monochromacy



Original Color

69.7737, 0.3559, 0.3384

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.5101, 0.3273, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.7737, 0.3559, 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(254, 207, 198)` looks like.

```
.text, #text, p{  
    color:rgb(254, 207, 198)  
}
```

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(254, 207, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 207, 198) }
```

Border

The CSS property to change the border of an element to Yxy 69.7737, 0.3559, 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(254, 207, 198) }
```

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

```
.border{ border-color:rgb(254, 207, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 207, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 207, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 207, 198);  
box-shadow:4px 4px 4px 4px rgb(254, 207,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 69.7737, 0.3559, 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(254, 207, 198) }
```

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

```
.background{ background-color: rgb(254,  
207, 198) }
```

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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