

Converting Colors

$Y_{xy}(69.1978, 0.3587, 0.3412)$

Have a look what the booklet for
Yxy(69.1978, 0.3587, 0.3412)
contains.

Yxy(69.1536, 0.3584, 0.3405)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(69.1536, 0.3584, 0.3405)

Conversions

Conversions Part 1

Format	Color
Hex	FECEC3
RGB	254, 206, 195
RGB Percent	100%, 81%, 76%
CMY	0.0040, 0.1921, 0.2352
CMYK	0.00, 0.19, 0.23, 0.00
HSL	11°, 97%, 88%
HSV	11°, 23%, 100%
XYZ	72.7890, 69.1536, 61.1517
YIQ	219.0980, 32.1390, 6.7550

Conversions

Conversions Part 2

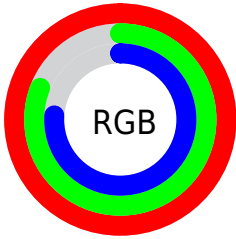
Format	Color
R _Y B	254, 209, 195
Decimal	16699075
CIE Lab	86.58, 15.30, 11.85
CIE LCh	87, 19.351, 37.767
Yxy	69.1536, 0.3584, 0.3405
Android (android.graphics.Color)	4294889155 (0xFFFECEC3)
YUV	219.0980, -11.8803, 30.6091
Hunter-Lab	83.1586, 10.7139, 14.6115

Details

The Yxy color **69.1536, 0.3584, 0.3405** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.8464, 0.2773, 0.3172**, and the grayscale version is **70.9786, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **36.2499, 0.3704, 0.3438** is the 20% darker color. If you saturate the color by 10%, you get **58.8004, 0.3852, 0.3458**, and if you desaturate by 10%, it is **81.0160, 0.3362, 0.3353**.

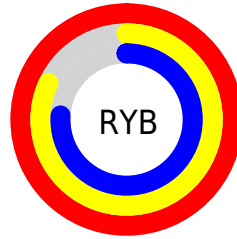
Distribution



Red (100%)

Green (81%)

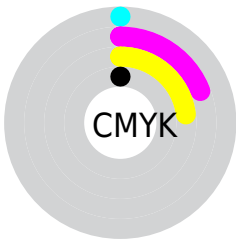
Blue (76%)



Red (100%)

Yellow (82%)

Blue (76%)

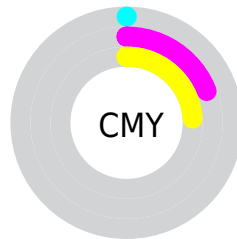


Cyan (0%)

Magenta (19%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.1536, 0.3584, 0.3405 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 69.1536, 0.3584, 0.3405 by changing the saturation by 10% instead.


 69.1536, 0.3584,
0.3405

 69.1536, 0.3584,
0.3405


457.5725, 0.3369,
0.3355

 50.8368, 0.3634,
0.3415


118.0009, 0.3509,
0.3388

 36.0788, 0.3696,
0.3428


149.3003, 0.3479,
0.3382

 24.4950, 0.3776,
0.3443


185.6959, 0.3454,
0.3376

 15.7012, 0.3881,
0.3461

227.5723, 0.3433,
0.3371

 9.3130, 0.4027,
0.3483

275.3137, 0.3414,
0.3366

 4.9459, 0.4239,
0.3508

329.3046, 0.3397,

 2.2155, 0.4578,

0.3362

0.3532

389.9294, 0.3382,
0.3359

0.7285, 0.5986,
0.4014

0.0000, 1.0000,
0.0000

69.1536, 0.3584,
0.3405

69.1536, 0.3584,
0.3405

58.8004, 0.3852,
0.3458

81.0160, 0.3362,
0.3353

49.8866, 0.4172,
0.3509

94.4353, 0.3179,
0.3305

42.3505, 0.4543,
0.3552

99.8059, 0.3121,
0.3290

36.1227, 0.4954,
0.3580

■ 31.1273, 0.5379,
0.3583

■ 27.2803, 0.5772,
0.3553

■ 24.4867, 0.6080,
0.3490

■ 23.1287, 0.6227,
0.3438

Harmonies

Analogous

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



69.1536, 0.3459, 0.3204



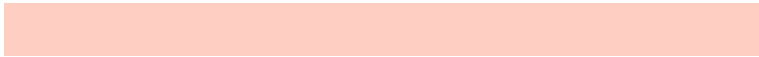
69.1536, 0.3584, 0.3405



69.1536, 0.3580, 0.3586

Triad

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



69.1536, 0.3584, 0.3405



69.1536, 0.3000, 0.3573



69.1536, 0.2804, 0.2898

Complementary

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



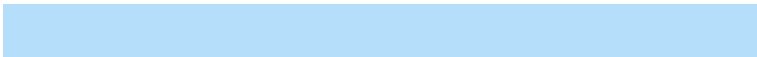
69.1536, 0.3584, 0.3405



82.8464, 0.2773, 0.3172

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.



69.1536, 0.2692, 0.2978



69.1536, 0.3584, 0.3405



69.1536, 0.2802, 0.3367

Square

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



69.1536, 0.3584, 0.3405



69.1536, 0.3237, 0.3695



69.1536, 0.2691, 0.3147



69.1536, 0.3004, 0.2919

Rectangle

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



69.1536, 0.3584, 0.3405



69.1536, 0.3506, 0.3670



69.1536, 0.2691, 0.3147



69.1536, 0.2755, 0.2914

Sweetspot

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



69.1568, 0.3584, 0.3405



89.9860, 0.3244, 0.3323



66.5856, 0.3233, 0.2811



19.0838, 0.3255, 0.3326



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

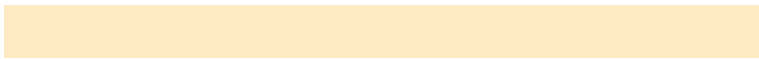
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.1568, 0.3584, 0.3405



64.5990, 0.3706, 0.3430



84.5981, 0.3518, 0.3697



18.5350, 0.3290, 0.3335



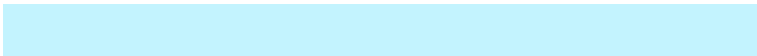
12.3508, 0.6204, 0.3456



1.3419, 0.6003, 0.3615

Inverse Universe

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



82.8464, 0.2773, 0.3172



80.6765, 0.2704, 0.3144



66.6940, 0.2747, 0.2847



19.8714, 0.2980, 0.3245



27.4082, 0.2078, 0.2680



2.8108, 0.2099, 0.2757

Previews

White Background



This preview shows how the Yxy color 69.1536, 0.3584, 0.3405 looks on a white background.

Color Contrast Check

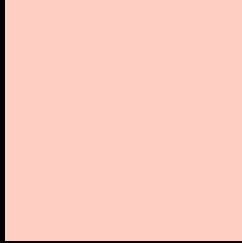
Large Text (above 18pt) WCAG AA × Fail

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 69.1536, 0.3584, 0.3405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

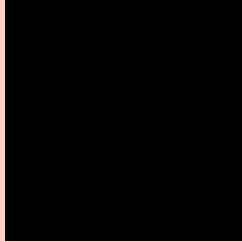
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.1536, 0.3584, 0.3405

Background



This preview shows how black text looks on a background with the Yxy color 69.1536, 0.3584, 0.3405.



This preview shows how white text looks on a background with the Yxy color 69.1536, 0.3584, 0.3405.

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

69.1536, 0.3584, 0.3405

Protanopia

69.2894, 0.3304, 0.3467

Deuteranopia

69.0888, 0.3522, 0.3449



Tritanopia

69.0338, 0.3421, 0.3138

Trichromacy



Original Color

69.1536, 0.3584, 0.3405

Protanomaly

68.9971, 0.3408, 0.3442

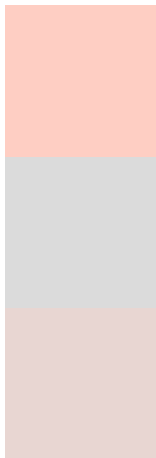
Deuteranomaly

69.1465, 0.3548, 0.3438

Tritanomaly

69.0989, 0.3481, 0.3230

Monochromacy



Original Color

69.1536, 0.3584, 0.3405

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

69.9021, 0.3289, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.1536, 0.3584, 0.3405 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, 206, 195)` looks like.

```
.text, #text, p{  
    color:rgb(254, 206, 195)  
}
```

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, 206, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 206, 195) }
```

Border

The CSS property to change the border of an element to Yxy 69.1536, 0.3584, 0.3405 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, 206, 195) }
```

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

```
.border{ border-color:rgb(254, 206, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 206, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 206, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 206, 195);  
box-shadow:4px 4px 4px 4px rgb(254, 206,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 69.1536, 0.3584, 0.3405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 206, 195) }
```

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

```
.background{ background-color: rgb(254,  
206, 195) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor