

Converting Colors

$Y_{xy}(68.9792, 0.3602, 0.3434)$

Have a look what the booklet for
Yxy(68.9792, 0.3602, 0.3434)
contains.

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Color

Yxy(69.0192, 0.3608, 0.3436)

Conversions

Conversions Part 1

Format	Color
Hex	FECEC0
RGB	254, 206, 192
RGB Percent	100%, 81%, 75%
CMY	0.0037, 0.1922, 0.2470
CMYK	0.00, 0.19, 0.24, 0.00
HSL	14°, 97%, 87%
HSV	14°, 24%, 100%
XYZ	72.4742, 69.0192, 59.3774
YIQ	218.7560, 33.1020, 5.8220

Conversions

Conversions Part 2

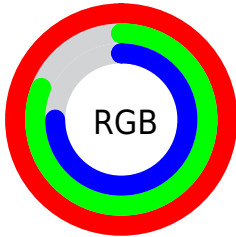
Format	Color
R _Y B	254, 210, 192
Decimal	16699072
CIE Lab	86.51, 14.92, 13.35
CIE LCh	87, 20.022, 41.812
Yxy	69.0192, 0.3608, 0.3436
Android (android.graphics.Color)	4294889152 (0xFFFECEC0)
YUV	218.7560, -13.1907, 30.9090
Hunter-Lab	83.0778, 10.3310, 15.7787

Details

The Yxy color **69.0192, 0.3608, 0.3436** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.7353, 0.2753, 0.3139**, and the grayscale version is **70.7415, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **36.0563, 0.3715, 0.3465** is the 20% darker color. If you saturate the color by 10%, you get **59.1011, 0.3876, 0.3500**, and if you desaturate by 10%, it is **80.3249, 0.3384, 0.3374**.

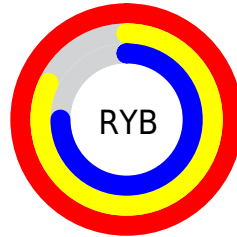
Distribution



Red (100%)

Green (81%)

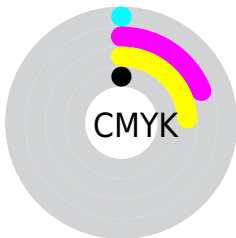
Blue (75%)



Red (100%)

Yellow (82%)

Blue (75%)

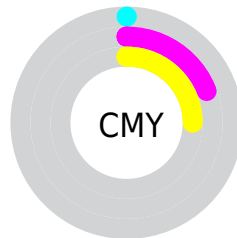


Cyan (0%)

Magenta (19%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.0192, 0.3608, 0.3436 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 69.0192, 0.3608, 0.3436 by changing the saturation by 10% instead.


 69.0192, 0.3608,
0.3436

 69.0192, 0.3608,
0.3436

457.0987, 0.3381,
0.3372

 50.7273, 0.3661,
0.3450


 117.8090, 0.3529,
0.3415

 35.9917, 0.3726,
0.3466

149.0757, 0.3498,
0.3406

 24.4278, 0.3810,
0.3485


185.4362, 0.3472,
0.3399

 15.6512, 0.3921,
0.3509

227.2748, 0.3449,
0.3392

 9.2777, 0.4073,
0.3539

274.9760, 0.3429,
0.3386

 4.9228, 0.4297,
0.3574

328.9241, 0.3411,

 2.2020, 0.4650,

0.3381

0.3611

389.5035, 0.3395,
0.3376

0.7211, 0.5968,
0.4032

0.0000, 0.0000,
0.0000

69.0192, 0.3608,
0.3436

69.0192, 0.3608,
0.3436

59.1011, 0.3876,
0.3500

80.3249, 0.3384,
0.3374

50.5073, 0.4192,
0.3560

93.0593, 0.3199,
0.3315

43.1838, 0.4555,
0.3612

99.8210, 0.3121,
0.3290

37.0690, 0.4953,
0.3645

■ 32.0961, 0.5361,
0.3649

■ 28.1913, 0.5738,
0.3615

■ 25.2714, 0.6034,
0.3542

■ 24.0286, 0.6158,
0.3493

Harmonies

Analogous

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



69.0192, 0.3495, 0.3228



69.0192, 0.3608, 0.3436



69.0192, 0.3585, 0.3616

Triad

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



69.0192, 0.3608, 0.3436



69.0192, 0.2964, 0.3558



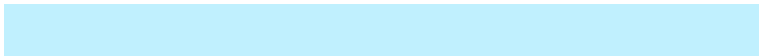
69.0192, 0.2816, 0.2882

Complementary

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



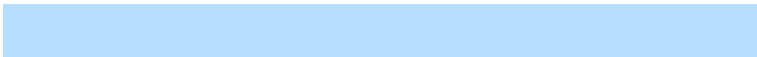
69.0192, 0.3608, 0.3436



80.7353, 0.2753, 0.3139

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.



69.0192, 0.2686, 0.2950



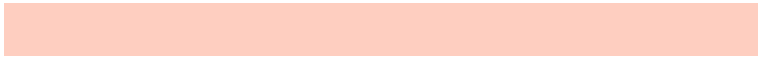
69.0192, 0.3608, 0.3436



69.0192, 0.2769, 0.3338

Square

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



69.0192, 0.3608, 0.3436



69.0192, 0.3208, 0.3700



69.0192, 0.2669, 0.3113



69.0192, 0.3032, 0.2917

Rectangle

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



69.0192, 0.3608, 0.3436



69.0192, 0.3498, 0.3696



69.0192, 0.2669, 0.3113



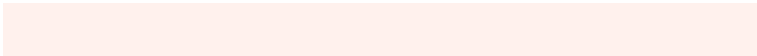
69.0192, 0.2761, 0.2893

Sweetspot

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



69.0224, 0.3608, 0.3436



90.3945, 0.3243, 0.3330



65.1131, 0.3255, 0.2804



19.1782, 0.3254, 0.3333



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.



69.0224, 0.3608, 0.3436



64.8514, 0.3725, 0.3465



85.1522, 0.3536, 0.3739



18.6505, 0.3289, 0.3344



12.8418, 0.6132, 0.3513



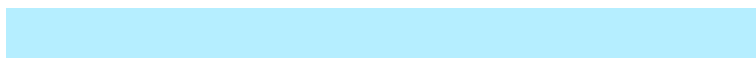
1.4054, 0.5920, 0.3681

Inverse Universe

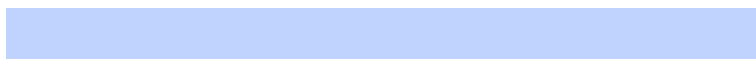
The Inverse Universe completely reimagines the original color for something new.



80.7353, 0.2753, 0.3139



78.4003, 0.2686, 0.3107



64.2584, 0.2724, 0.2797



19.7466, 0.2980, 0.3235



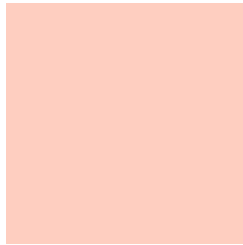
25.0084, 0.2040, 0.2545



2.5970, 0.2067, 0.2640

Previews

White Background



This preview shows how the Yxy color 69.0192, 0.3608, 0.3436 looks on a white background.

Color Contrast Check

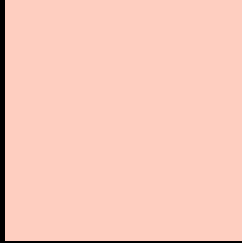
Large Text (above 18pt) WCAG AA × Fail

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 69.0192, 0.3608, 0.3436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

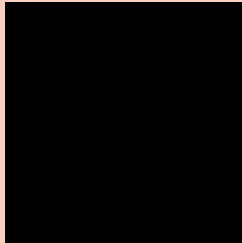
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.0192, 0.3608, 0.3436

Background



This preview shows how black text looks on a background with the Yxy color 69.0192, 0.3608, 0.3436.



This preview shows how white text looks on a background with the Yxy color 69.0192, 0.3608, 0.3436.

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

69.0192, 0.3608, 0.3436

Protanopia

69.1505, 0.3325, 0.3501

Deuteranopia

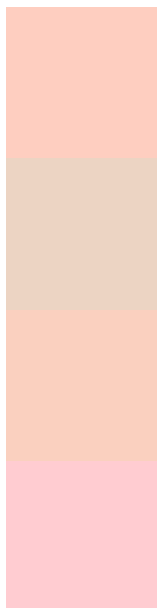
69.1367, 0.3553, 0.3481



Tritanopia

69.0338, 0.3421, 0.3138

Trichromacy



Original Color

69.0192, 0.3608, 0.3436

Protanomaly

68.8600, 0.3430, 0.3475

Deuteranomaly

69.1973, 0.3579, 0.3469

Tritanomaly

69.0492, 0.3488, 0.3240

Monochromacy



Original Color

69.0192, 0.3608, 0.3436

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

69.8524, 0.3296, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.0192, 0.3608, 0.3436 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(254, 206, 192)  
}
```

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, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 206, 192) }
```

Border

The CSS property to change the border of an element to Yxy 69.0192, 0.3608, 0.3436 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, 192) }
```

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

```
.border{ border-color:rgb(254, 206, 192) }
```

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, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 206, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 206, 192);  
box-shadow:4px 4px 4px 4px rgb(254, 206,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 69.0192, 0.3608, 0.3436 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, 192) }
```

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

```
.background{ background-color: rgb(254,  
206, 192) }
```

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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