

Converting Colors

$Y_{xy}(87.2202, 0.4218, 0.3417)$

Have a look what the booklet for
Yxy(87.2202, 0.4218, 0.3417)
contains.

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Color

Yxy(69.1642, 0.3623, 0.3446)

Conversions

Conversions Part 1

Format	Color
Hex	FFCEBF
RGB	255, 206, 191
RGB Percent	100%, 81%, 75%
CMY	0.0000, 0.1921, 0.2508
CMYK	0.00, 0.19, 0.25, 0.00
HSL	14°, 100%, 87%
HSV	14°, 25%, 100%
XYZ	72.7167, 69.1642, 58.8277
YIQ	218.9410, 34.0190, 5.7230

Conversions

Conversions Part 2

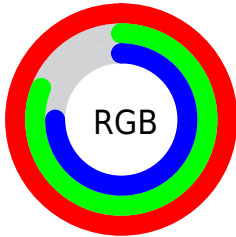
Format	Color
R _Y B	255, 211, 191
Decimal	16764607
CIE Lab	86.59, 15.12, 13.98
CIE LCh	87, 20.593, 42.746
Yxy	69.1642, 0.3623, 0.3446
Android (android.graphics.Color)	4294954687 (0xFFFFCEBF)
YUV	218.9410, -13.7749, 31.6237
Hunter-Lab	83.1650, 10.5357, 16.2761

Details

The Yxy color **69.1642, 0.3623, 0.3446** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.6359, 0.2743, 0.3128**, and the grayscale version is **70.8781, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **36.1618, 0.3735, 0.3478** is the 20% darker color. If you saturate the color by 10%, you get **59.3130, 0.3892, 0.3512**, and if you desaturate by 10%, it is **80.3858, 0.3397, 0.3381**.

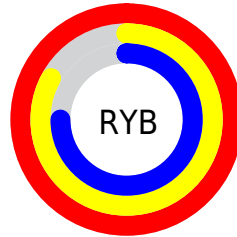
Distribution



Red (100%)

Green (81%)

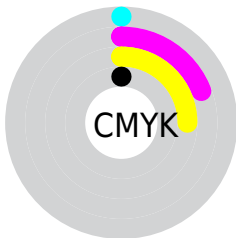
Blue (75%)



Red (100%)

Yellow (83%)

Blue (75%)

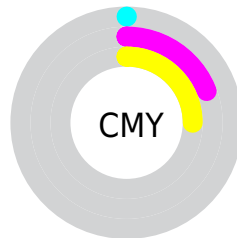


Cyan (0%)

Magenta (19%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (19%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.1642, 0.3623, 0.3446 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 69.1642, 0.3623, 0.3446 by changing the saturation by 10% instead.

 69.1642, 0.3623,
0.3446

 69.1642, 0.3623,
0.3446


457.6099, 0.3389,
0.3378

 50.8454, 0.3677,
0.3460


 118.0161, 0.3541,
0.3423

 36.0856, 0.3745,
0.3478


149.3180, 0.3510,
0.3414

 24.5003, 0.3831,
0.3499

185.7164, 0.3482,
0.3406

 15.7052, 0.3945,
0.3524

227.5957, 0.3459,
0.3399

 9.3158, 0.4102,
0.3555

275.3403, 0.3438,
0.3393

 4.9477, 0.4331,
0.3593

329.3346, 0.3420,

 2.2166, 0.4692,

0.3387

0.3632

389.9630, 0.3404,
0.3382

0.7290, 0.5974,
0.4026

0.0000, 1.0000,
0.0000

69.1642, 0.3623,
0.3446

69.1642, 0.3623,
0.3446

59.3130, 0.3892,
0.3512

80.3858, 0.3397,
0.3381

50.7699, 0.4209,
0.3575

93.0181, 0.3210,
0.3320

43.4817, 0.4572,
0.3627

99.9990, 0.3127,
0.3290

37.3879, 0.4969,
0.3661

■ 32.4226, 0.5372,
0.3663

■ 28.5135, 0.5742,
0.3627

■ 25.5783, 0.6032,
0.3550

■ 24.4573, 0.6141,
0.3506

Harmonies

Analogous

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



69.1642, 0.3511, 0.3233



69.1642, 0.3623, 0.3446



69.1642, 0.3595, 0.3630

Triad

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



69.1642, 0.3623, 0.3446



69.1642, 0.2952, 0.3560



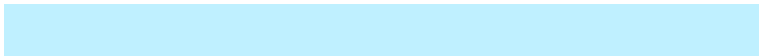
69.1642, 0.2813, 0.2871

Complementary

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



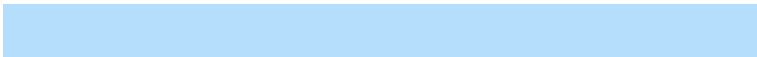
69.1642, 0.3623, 0.3446



80.6359, 0.2743, 0.3128

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.



69.1642, 0.2677, 0.2936



69.1642, 0.3623, 0.3446



69.1642, 0.2754, 0.3331

Square

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



69.1642, 0.3623, 0.3446



69.1642, 0.3202, 0.3709



69.1642, 0.2656, 0.3102



69.1642, 0.3037, 0.2910

Rectangle

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



69.1642, 0.3623, 0.3446



69.1642, 0.3503, 0.3710



69.1642, 0.2656, 0.3102



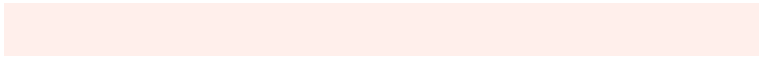
69.1642, 0.2756, 0.2881

Sweetspot

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



69.1674, 0.3623, 0.3446



89.1876, 0.3261, 0.3337



64.8319, 0.3267, 0.2801



18.6769, 0.3289, 0.3346



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.



69.1674, 0.3623, 0.3446



64.1570, 0.3750, 0.3479



86.1357, 0.3546, 0.3761



18.6769, 0.3289, 0.3346



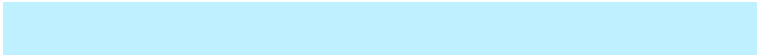
12.9674, 0.6114, 0.3527



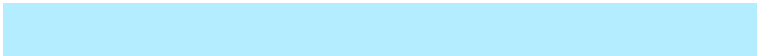
1.4210, 0.5900, 0.3697

Inverse Universe

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



80.6359, 0.2743, 0.3128



77.3680, 0.2671, 0.3092



63.4573, 0.2711, 0.2769



19.7183, 0.2980, 0.3233



24.4814, 0.2032, 0.2514



2.5497, 0.2059, 0.2613

Previews

White Background



This preview shows how the Yxy color 69.1642, 0.3623, 0.3446 looks on a white background.

Color Contrast Check

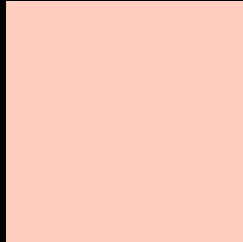
Large Text (above 18pt) WCAG AA × Fail

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 69.1642, 0.3623, 0.3446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

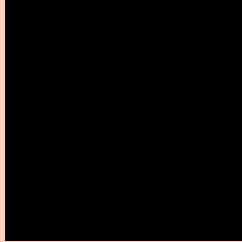
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.1642, 0.3623, 0.3446

Background



This preview shows how black text looks on a background with the Yxy color 69.1642, 0.3623, 0.3446.



This preview shows how white text looks on a background with the Yxy color 69.1642, 0.3623, 0.3446.

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

69.1642, 0.3623, 0.3446

Protanopia

69.2660, 0.3340, 0.3511

Deuteranopia

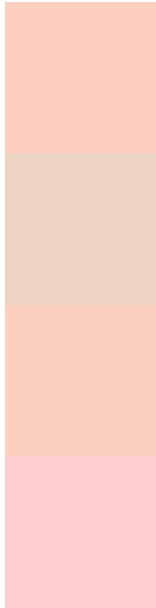
69.2751, 0.3568, 0.3491



Tritanopia

69.0338, 0.3421, 0.3138

Trichromacy



Original Color

69.1642, 0.3623, 0.3446

Protanomaly

68.9865, 0.3446, 0.3485

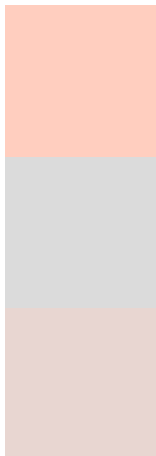
Deuteranomaly

69.3387, 0.3594, 0.3479

Tritanomaly

68.9998, 0.3496, 0.3250

Monochromacy



Original Color

69.1642, 0.3623, 0.3446

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 69.1642, 0.3623, 0.3446 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, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 191)  
}
```

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, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 191) }
```

Border

The CSS property to change the border of an element to Yxy 69.1642, 0.3623, 0.3446 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, 191) }
```

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

```
.border{ border-color:rgb(255, 206, 191) }
```

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, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 69.1642, 0.3623, 0.3446 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, 191) }
```

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

```
.background{ background-color: rgb(255,  
206, 191) }
```

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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