

Converting Colors

$Yxy(69.5565, 0.3676, 0.3538)$

Have a look what the booklet for
Yxy(69.5565, 0.3676, 0.3538)
contains.

Yxy(69.3463, 0.3675, 0.3529)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(69.3463, 0.3675, 0.3529)

Conversions

Conversions Part 1

Format	Color
Hex	FFCFB8
RGB	255, 207, 184
RGB Percent	100%, 81%, 72%
CMY	0.0000, 0.1883, 0.2783
CMYK	0.00, 0.19, 0.28, 0.00
HSL	19°, 100%, 86%
HSV	19°, 28%, 100%
XYZ	72.2153, 69.3463, 54.9425
YIQ	218.7300, 35.9910, 3.0230

Conversions

Conversions Part 2

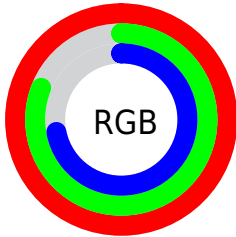
Format	Color
R_{YB}	255, 218, 184
Decimal	16764856
CIE _{Lab}	86.68, 13.68, 17.80
CIE _{LCh}	87, 22.451, 52.454
Yxy	69.3463, 0.3675, 0.3529
Android (android.graphics.Color)	4294954936 (0xFFFFCFB8)
YUV	218.7300, -17.1219, 31.8088
Hunter-Lab	83.2744, 9.0643, 19.1739

Details

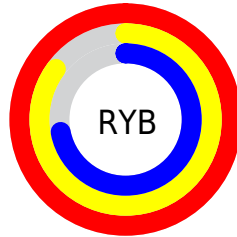
The Yxy color **69.3463, 0.3675, 0.3529** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.1494, 0.2695, 0.3037**, and the grayscale version is **70.7418, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0713, 0.3214, 0.3434**, and **36.2915, 0.3804, 0.3584** is the 20% darker color. If you saturate the color by 10%, you get **60.4622, 0.3939, 0.3619**, and if you desaturate by 10%, it is **79.3312, 0.3448, 0.3439**.

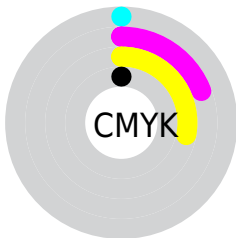
Distribution



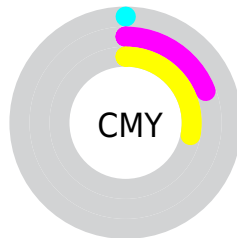
- Red (100%)
- Green (81%)
- Blue (72%)



- Red (100%)
- Yellow (85%)
- Blue (72%)



- Cyan (0%)
- Magenta (19%)
- Yellow (28%)
- Black (0%)



- Cyan (0%)
- Magenta (19%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.3463, 0.3675, 0.3529 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 69.3463, 0.3675, 0.3529 by changing the saturation by 10% instead.


 69.3463, 0.3675,
0.3529

 69.3463, 0.3675,
0.3529


458.2514, 0.3417,
0.3423

 50.9938, 0.3735,
0.3552

 118.2761, 0.3585,
0.3493

 36.2037, 0.3809,
0.3579


149.6221, 0.3550,
0.3479

 24.5915, 0.3903,
0.3613


186.0681, 0.3520,
0.3467

 15.7730, 0.4028,
0.3654

227.9985, 0.3494,
0.3456

 9.3637, 0.4198,
0.3705

275.7976, 0.3471,
0.3446

 4.9791, 0.4443,
0.3769

329.8498, 0.3451,

 2.2350, 0.4832,

0.3438

0.3849

390.5397, 0.3433,
0.3430

0.7390, 0.5873,
0.4127

0.0000, 0.0000,
0.0000

69.3463, 0.3675,
0.3529

69.3463, 0.3675,
0.3529

60.4622, 0.3939,
0.3619

79.3312, 0.3448,
0.3439

52.6470, 0.4243,
0.3704

90.4620, 0.3256,
0.3353

45.8562, 0.4583,
0.3774

100.0000, 0.3127,
0.3290

40.0444, 0.4944,
0.3818

■ 35.1630, 0.5304,
0.3824

■ 31.1579, 0.5629,
0.3781

■ 27.9665, 0.5887,
0.3690

■ 27.3705, 0.5937,
0.3668

Harmonies

Analogous

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



69.3463, 0.3601, 0.3302



69.3463, 0.3675, 0.3529



69.3463, 0.3595, 0.3708

Triad

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



69.3463, 0.3675, 0.3529



69.3463, 0.2857, 0.3509



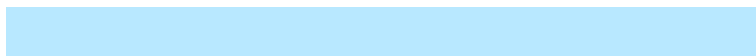
69.3463, 0.2856, 0.2837

Complementary

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



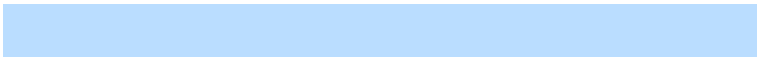
69.3463, 0.3675, 0.3529



75.1494, 0.2695, 0.3037

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.



69.3463, 0.2673, 0.2870



69.3463, 0.3675, 0.3529



69.3463, 0.2674, 0.3249

Square

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



69.3463, 0.3675, 0.3529



69.3463, 0.3117, 0.3710



69.3463, 0.2608, 0.3015



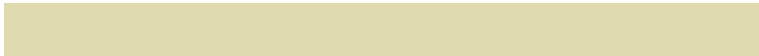
69.3463, 0.3118, 0.2914

Rectangle

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



69.3463, 0.3675, 0.3529



69.3463, 0.3468, 0.3771



69.3463, 0.2608, 0.3015



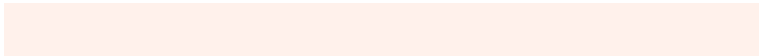
69.3463, 0.2784, 0.2835

Sweetspot

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



69.3437, 0.3675, 0.3529



90.2642, 0.3259, 0.3355



61.4100, 0.3332, 0.2802



18.9465, 0.3286, 0.3368



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.



69.3437, 0.3675, 0.3529



64.6172, 0.3807, 0.3576



88.2197, 0.3582, 0.3870



18.9465, 0.3286, 0.3368



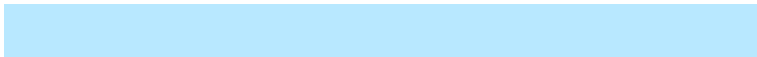
14.5406, 0.5907, 0.3692



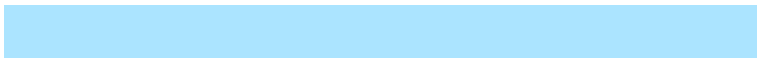
1.6043, 0.5687, 0.3867

Inverse Universe

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



75.1494, 0.2695, 0.3037



71.2240, 0.2617, 0.2983



57.3657, 0.2654, 0.2634



19.4324, 0.2980, 0.3211



19.5719, 0.1943, 0.2194



2.1042, 0.1982, 0.2334

Previews

White Background



This preview shows how the Yxy color 69.3463, 0.3675, 0.3529 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 69.3463, 0.3675, 0.3529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

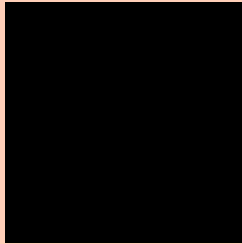
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.3463, 0.3675, 0.3529

Background



This preview shows how black text looks on a background with the Yxy color 69.3463, 0.3675, 0.3529.



This preview shows how white text looks on a background with the Yxy color 69.3463, 0.3675, 0.3529.

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

69.3463, 0.3675, 0.3529

Protanopia

69.7938, 0.3403, 0.3599

Deuteranopia

69.3856, 0.3630, 0.3553



Tritanopia

69.5077, 0.3419, 0.3149

Trichromacy



Original Color

69.3463, 0.3675, 0.3529

Protanomaly

69.3535, 0.3503, 0.3571

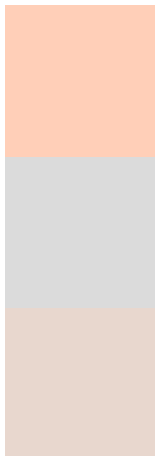
Deuteranomaly

69.2679, 0.3648, 0.3542

Tritanomaly

69.3789, 0.3509, 0.3281

Monochromacy



Original Color

69.3463, 0.3675, 0.3529

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.2129, 0.3316, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.3463, 0.3675, 0.3529 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, 207, 184)` looks like.

```
.text, #text, p{  
  color:rgb(255, 207, 184)  
}
```

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, 207, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 184) }
```

Border

The CSS property to change the border of an element to Yxy 69.3463, 0.3675, 0.3529 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, 207, 184) }
```

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

```
.border{ border-color:rgb(255, 207, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 207, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 69.3463, 0.3675, 0.3529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 184) }
```

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

```
.background{ background-color: rgb(255,  
207, 184) }
```

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