

Converting Colors

$Y_{xy}(64.6439, 0.3703, 0.3426)$

Have a look what the booklet for
Yxy(64.6439, 0.3703, 0.3426)
contains.

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Color

Yxy(64.6532, 0.3703, 0.3427)

Conversions

Conversions Part 1

Format	Color
Hex	FFC5B8
RGB	255, 197, 184
RGB Percent	100%, 77%, 72%
CMY	0.0000, 0.2274, 0.2784
CMYK	0.00, 0.23, 0.28, 0.00
HSL	11°, 100%, 86%
HSV	11°, 28%, 100%
XYZ	69.8602, 64.6532, 54.1449
YIQ	212.8600, 38.7410, 8.2530

Conversions

Conversions Part 2

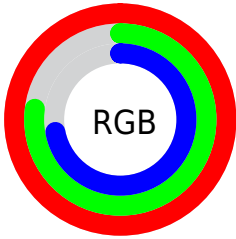
Format	Color
R _Y B	255, 200, 184
Decimal	16762296
CIE Lab	84.30, 18.88, 14.49
CIE LCh	84, 23.802, 37.494
Yxy	64.6532, 0.3703, 0.3427
Android (android.graphics.Color)	4294952376 (0xFFFFC5B8)
YUV	212.8600, -14.2280, 36.9568
Hunter-Lab	80.4072, 14.3735, 16.3601

Details

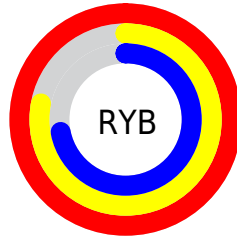
The Yxy color $64.6532, 0.3703, 0.3427$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $80.9142, 0.2707, 0.3148$, and the grayscale version is $66.5190, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.4349, 0.3215, 0.3425$, and $33.1539, 0.3847, 0.3453$ is the 20% darker color. If you saturate the color by 10%, you get $54.8643, 0.3995, 0.3479$, and if you desaturate by 10%, it is $75.9449, 0.3460, 0.3376$.

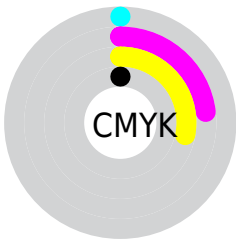
Distribution



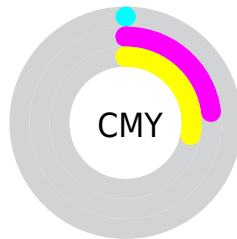
- Red (100%)
- Green (77%)
- Blue (72%)



- Red (100%)
- Yellow (78%)
- Blue (72%)



- Cyan (0%)
- Magenta (23%)
- Yellow (28%)
- Black (0%)




- Cyan (0%)
- Magenta (23%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.6532, 0.3703, 0.3427 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 64.6532, 0.3703, 0.3427 by changing the saturation by 10% instead.

 64.6532, 0.3703,
0.3427

 64.6532, 0.3703,
0.3427


441.5447, 0.3428,
0.3369

 47.1799, 0.3768,
0.3439


 111.5511, 0.3606,
0.3408

 33.1779, 0.3849,
0.3453


141.7446, 0.3569,
0.3400

 22.2628, 0.3953,
0.3469


176.9468, 0.3537,
0.3393

 14.0501, 0.4091,
0.3488

217.5423, 0.3509,
0.3387

 8.1555, 0.4284,
0.3508

263.9155, 0.3485,
0.3382

 4.1946, 0.4569,
0.3527

316.4507, 0.3464,

 1.7830, 0.5046,

0.3377

0.3541

375.5323, 0.3445,
0.3373

0.4766, 0.6578,
0.3422

0.0000, 0.0000,
0.0000

64.6532, 0.3703,
0.3427

64.6532, 0.3703,
0.3427

54.8643, 0.3995,
0.3479

75.9449, 0.3460,
0.3376

46.5102, 0.4340,
0.3526

88.7947, 0.3259,
0.3326

39.5241, 0.4733,
0.3562

100.0000, 0.3127,
0.3290

33.8320, 0.5157,
0.3579

■ 29.3530, 0.5575,
0.3568

■ 25.9963, 0.5935,
0.3522

■ 23.6563, 0.6189,
0.3448

■ 23.2688, 0.6233,
0.3433

Harmonies

Analogous

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



64.6532, 0.3543, 0.3179



64.6532, 0.3703, 0.3427



64.6532, 0.3698, 0.3655

Triad

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



64.6532, 0.3703, 0.3427



64.6532, 0.2968, 0.3652



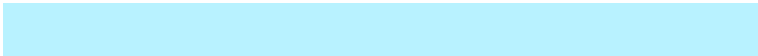
64.6532, 0.2721, 0.2802

Complementary

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



64.6532, 0.3703, 0.3427



80.9142, 0.2707, 0.3148

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.



64.6532, 0.2584, 0.2898



64.6532, 0.3703, 0.3427



64.6532, 0.2721, 0.3388

Square

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



64.6532, 0.3703, 0.3427



64.6532, 0.3265, 0.3806



64.6532, 0.2584, 0.3108



64.6532, 0.2968, 0.2829

Rectangle

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



64.6532, 0.3703, 0.3427



64.6532, 0.3605, 0.3765



64.6532, 0.2584, 0.3108



64.6532, 0.2661, 0.2820

Sweetspot

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



64.6547, 0.3703, 0.3427



88.5798, 0.3262, 0.3327



62.0230, 0.3249, 0.2702



18.5249, 0.3290, 0.3334



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.



64.6547, 0.3703, 0.3427



59.4218, 0.3847, 0.3454



82.0597, 0.3609, 0.3770



18.5249, 0.3290, 0.3334



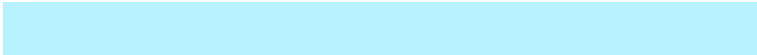
12.3121, 0.6210, 0.3452



1.3367, 0.6010, 0.3610

Inverse Universe

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



80.9142, 0.2707, 0.3148



77.9405, 0.2634, 0.3118



62.3606, 0.2666, 0.2758



19.8824, 0.2980, 0.3245



27.6263, 0.2081, 0.2692



2.8301, 0.2102, 0.2768

Previews

White Background



This preview shows how the Yxy color 64.6532, 0.3703, 0.3427 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 64.6532, 0.3703, 0.3427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

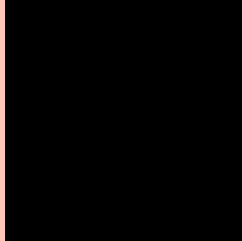
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.6532, 0.3703, 0.3427

Background



This preview shows how black text looks on a background with the Yxy color 64.6532, 0.3703, 0.3427.

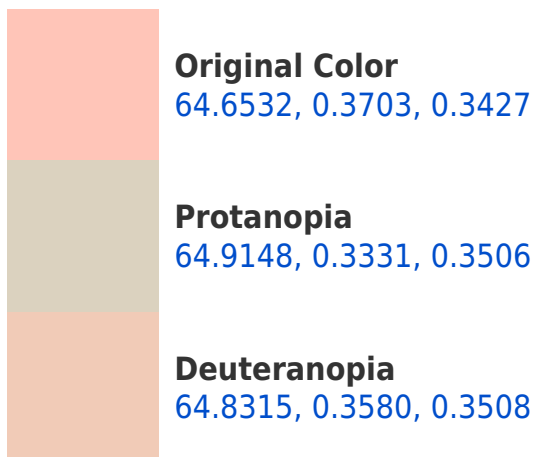


This preview shows how white text looks on a background with the Yxy color 64.6532, 0.3703, 0.3427.

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

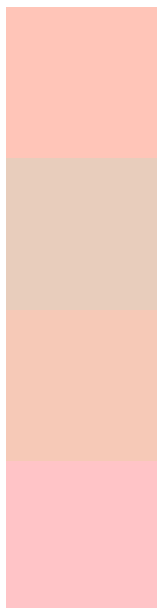




Tritanopia

64.8443, 0.3513, 0.3157

Trichromacy



Original Color

64.6532, 0.3703, 0.3427

Protanomaly

64.4493, 0.3465, 0.3479

Deuteranomaly

64.7850, 0.3626, 0.3484

Tritanomaly

64.8634, 0.3583, 0.3260

Monochromacy



Original Color

64.6532, 0.3703, 0.3427

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

65.3839, 0.3324, 0.3346

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.6532, 0.3703, 0.3427 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, 197, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 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, 197, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 184) }
```

Border

The CSS property to change the border of an element to Yxy 64.6532, 0.3703, 0.3427 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, 197, 184) }
```

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

```
.border{ border-color:rgb(255, 197, 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, 197, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 64.6532, 0.3703, 0.3427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 197, 184) }
```

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

```
.background{ background-color: rgb(255,  
197, 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](#).

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