

Converting Colors

$Yxy(78.4833, 0.4169, 0.3484)$

Have a look what the booklet for
Yxy(78.4833, 0.4169, 0.3484)
contains.

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Color

Yxy(66.2880, 0.3732, 0.3521)

Conversions

Conversions Part 1

Format	Color
Hex	FFC9B3
RGB	255, 201, 179
RGB Percent	100%, 79%, 70%
CMY	0.0000, 0.2117, 0.2982
CMYK	0.00, 0.21, 0.30, 0.00
HSL	17°, 100%, 85%
HSV	17°, 30%, 100%
XYZ	70.2604, 66.2880, 51.7163
YIQ	214.6380, 39.2460, 4.6060

Conversions

Conversions Part 2

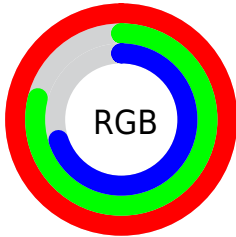
Format	Color
R _Y B	255, 210, 179
Decimal	16763315
CIE Lab	85.14, 16.13, 18.34
CIE LCh	85, 24.424, 48.665
Yxy	66.2880, 0.3732, 0.3521
Android (android.graphics.Color)	4294953395 (0xFFFFC9B3)
YUV	214.6380, -17.5695, 35.3975
Hunter-Lab	81.4174, 11.5587, 19.3312

Details

The Yxy color **66.2880, 0.3732, 0.3521** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.0472, 0.2668, 0.3045**, and the grayscale version is **67.7983, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7782, 0.3244, 0.3483**, and **34.2441, 0.3883, 0.3572** is the 20% darker color. If you saturate the color by 10%, you get **57.4025, 0.4012, 0.3601**, and if you desaturate by 10%, it is **76.3645, 0.3494, 0.3440**.

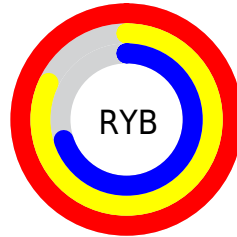
Distribution



Red (100%)

Green (79%)

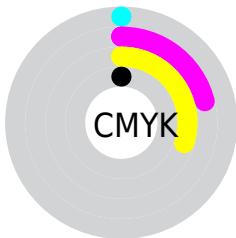
Blue (70%)



Red (100%)

Yellow (82%)

Blue (70%)

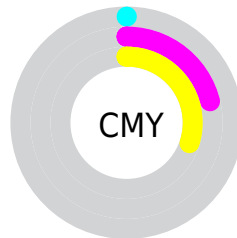


Cyan (0%)

Magenta (21%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (21%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.2880, 0.3732, 0.3521 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 66.2880, 0.3732, 0.3521 by changing the saturation by 10% instead.


 66.2880, 0.3732,
0.3521

 66.2880, 0.3732,
0.3521


447.4062, 0.3445,
0.3420

 48.5062, 0.3799,
0.3543


 113.8996, 0.3631,
0.3487

 34.2280, 0.3883,
0.3568


144.4982, 0.3592,
0.3473

 23.0688, 0.3990,
0.3599


180.1379, 0.3559,
0.3462

 14.6443, 0.4131,
0.3637

221.2030, 0.3530,
0.3451

 8.5701, 0.4326,
0.3682

268.0780, 0.3505,
0.3442

 4.4619, 0.4608,
0.3734

321.1473, 0.3482,

 1.9351, 0.5106,

0.3434

0.3822

380.7952, 0.3463,
0.3426

0.5694, 0.6224,
0.3776

0.0000, 0.0000,
0.0000

66.2880, 0.3732,
0.3521

66.2880, 0.3732,
0.3521

57.4025, 0.4012,
0.3601

76.3645, 0.3494,
0.3440

49.6552, 0.4334,
0.3675

87.6665, 0.3293,
0.3362

43.0007, 0.4692,
0.3733

100.0000, 0.3127,
0.3290

37.3876, 0.5071,
0.3764

■ 32.7595, 0.5442,
0.3755

■ 29.0544, 0.5766,
0.3699

■ 26.1951, 0.6015,
0.3605

■ 26.1506, 0.6019,
0.3603

Harmonies

Analogous

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



66.2880, 0.3629, 0.3269



66.2880, 0.3732, 0.3521



66.2880, 0.3663, 0.3730

Triad

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



66.2880, 0.3732, 0.3521



66.2880, 0.2862, 0.3567



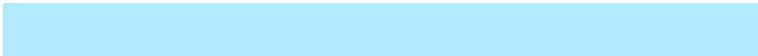
66.2880, 0.2797, 0.2790

Complementary

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



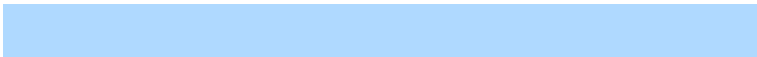
66.2880, 0.3732, 0.3521



75.0472, 0.2668, 0.3045

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.



66.2880, 0.2611, 0.2840



66.2880, 0.3732, 0.3521



66.2880, 0.2647, 0.3280

Square

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



66.2880, 0.3732, 0.3521



66.2880, 0.3154, 0.3775



66.2880, 0.2558, 0.3013



66.2880, 0.3077, 0.2861

Rectangle

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



66.2880, 0.3732, 0.3521



66.2880, 0.3533, 0.3813



66.2880, 0.2558, 0.3013



66.2880, 0.2722, 0.2792

Sweetspot

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



66.2906, 0.3732, 0.3521



88.6496, 0.3278, 0.3356



59.3925, 0.3330, 0.2742



18.6028, 0.3305, 0.3367



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.



66.2906, 0.3732, 0.3521



60.6611, 0.3900, 0.3571



85.9677, 0.3623, 0.3889



18.8451, 0.3287, 0.3360



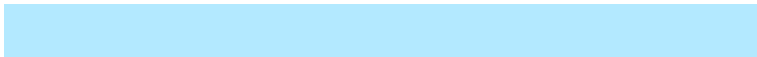
13.8852, 0.5990, 0.3626



1.5302, 0.5769, 0.3801

Inverse Universe

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



75.0472, 0.2668, 0.3045



70.7231, 0.2578, 0.2987



56.0235, 0.2619, 0.2609



19.5392, 0.2980, 0.3219



21.3215, 0.1976, 0.2315



2.2642, 0.2011, 0.2439

Previews

White Background



This preview shows how the Yxy color 66.2880, 0.3732, 0.3521 looks on a white background.

Color Contrast Check

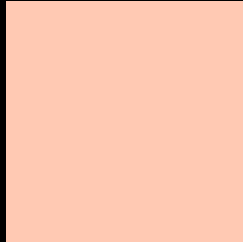
Large Text (above 18pt) WCAG AA × Fail

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 66.2880, 0.3732, 0.3521 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 66.2880, 0.3732, 0.3521

Background



This preview shows how black text looks on a background with the Yxy color 66.2880, 0.3732, 0.3521.



This preview shows how white text looks on a background with the Yxy color 66.2880, 0.3732, 0.3521.

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

66.2880, 0.3732, 0.3521

Protanopia

66.2777, 0.3402, 0.3594

Deuteranopia

66.4698, 0.3655, 0.3579



Tritanopia

66.4016, 0.3475, 0.3148

Trichromacy



Original Color

66.2880, 0.3732, 0.3521

Protanomaly

66.1928, 0.3520, 0.3565

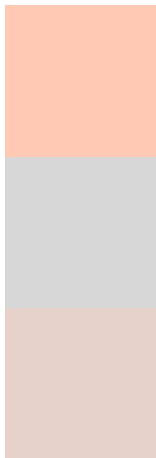
Deuteranomaly

66.5398, 0.3682, 0.3566

Tritanomaly

66.2770, 0.3569, 0.3281

Monochromacy



Original Color

66.2880, 0.3732, 0.3521

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.1804, 0.3336, 0.3378

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.2880, 0.3732, 0.3521 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, 201, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 179)  
}
```

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, 201, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 179) }
```

Border

The CSS property to change the border of an element to Yxy 66.2880, 0.3732, 0.3521 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, 201, 179) }
```

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

```
.border{ border-color:rgb(255, 201, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 201, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 201, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 201, 179); box-shadow:4px 4px 4px 4px rgb(255, 201, 179) }
```


Background

The CSS property to change the background color of an element to Yxy 66.2880, 0.3732, 0.3521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 201, 179) }
```

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

```
.background{ background-color: rgb(255,  
201, 179) }
```

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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