

Converting Colors

$Y_{xy}(70.5706, 0.3845, 0.3460)$

Have a look what the booklet for
Yxy(70.5706, 0.3845, 0.3460)
contains.

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Color

Yxy(66.4940, 0.3692, 0.3468)

Conversions

Conversions Part 1

Format	Color
Hex	FFC9B8
RGB	255, 201, 184
RGB Percent	100%, 79%, 72%
CMY	0.0000, 0.2118, 0.2784
CMYK	0.00, 0.21, 0.28, 0.00
HSL	14°, 100%, 86%
HSV	14°, 28%, 100%
XYZ	70.7889, 66.4940, 54.4530
YIQ	215.2080, 37.6410, 6.1610

Conversions

Conversions Part 2

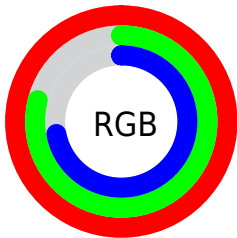
Format	Color
R _Y B	255, 206, 184
Decimal	16763320
CIE Lab	85.25, 16.81, 15.81
CIE LCh	85, 23.080, 43.250
Yxy	66.4940, 0.3692, 0.3468
Android (android.graphics.Color)	4294953400 (0xFFFFC9B8)
YUV	215.2080, -15.3855, 34.8976
Hunter-Lab	81.5439, 12.2556, 17.4883

Details

The Yxy color **66.4940, 0.3692, 0.3468** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.5683, 0.2702, 0.3104**, and the grayscale version is **68.1860, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0713, 0.3214, 0.3434**, and **34.3764, 0.3830, 0.3506** is the 20% darker color. If you saturate the color by 10%, you get **57.0350, 0.3973, 0.3535**, and if you desaturate by 10%, it is **77.2798, 0.3455, 0.3401**.

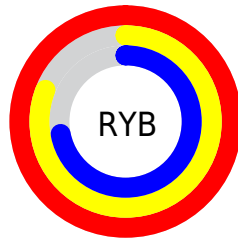
Distribution



Red (100%)

Green (79%)

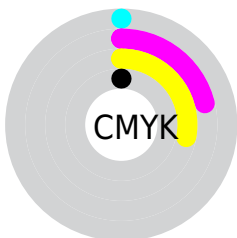
Blue (72%)



Red (100%)

Yellow (81%)

Blue (72%)

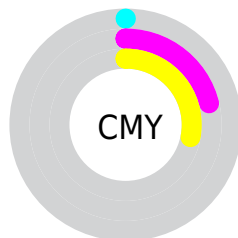


Cyan (0%)

Magenta (21%)

Yellow (28%)

Black (0%)



Cyan (0%)


Magenta (21%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.4940, 0.3692, 0.3468 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 66.4940, 0.3692, 0.3468 by changing the saturation by 10% instead.

 66.4940, 0.3692,
0.3468

 66.4940, 0.3692,
0.3468


448.1415, 0.3424,
0.3391

 48.6735, 0.3755,
0.3484


 114.1951, 0.3598,
0.3442

 34.3606, 0.3833,
0.3504


144.8444, 0.3561,
0.3432

 23.1707, 0.3933,
0.3527


180.5389, 0.3530,
0.3423

 14.7196, 0.4066,
0.3555

221.6629, 0.3503,
0.3415

 8.6229, 0.4250,
0.3588

268.6007, 0.3480,
0.3408

 4.4960, 0.4518,
0.3625

321.7369, 0.3459,

 1.9547, 0.4960,

0.3401

0.3667

381.4557, 0.3440,
0.3396

0.5810, 0.6250,
0.3750

0.0000, 0.0000,
0.0000

66.4940, 0.3692,
0.3468

66.4940, 0.3692,
0.3468

57.0350, 0.3973,
0.3535

77.2798, 0.3455,
0.3401

48.8622, 0.4301,
0.3597

89.4544, 0.3258,
0.3337

41.9153, 0.4673,
0.3647

100.0000, 0.3127,
0.3290

36.1333, 0.5073,
0.3674

■ 31.4503, 0.5470,
0.3667

■ 27.7926, 0.5821,
0.3619

■ 25.0754, 0.6083,
0.3533

■ 24.5985, 0.6130,
0.3514

Harmonies

Analogous

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



66.4940, 0.3567, 0.3228



66.4940, 0.3692, 0.3468



66.4940, 0.3657, 0.3676

Triad

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



66.4940, 0.3692, 0.3468



66.4940, 0.2923, 0.3594



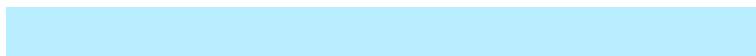
66.4940, 0.2775, 0.2816

Complementary

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



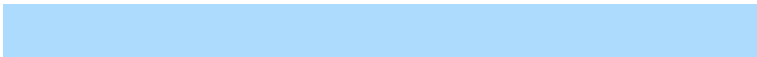
66.4940, 0.3692, 0.3468



78.5683, 0.2702, 0.3104

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.



66.4940, 0.2620, 0.2886



66.4940, 0.3692, 0.3468



66.4940, 0.2702, 0.3331

Square

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



66.4940, 0.3692, 0.3468



66.4940, 0.3205, 0.3767



66.4940, 0.2594, 0.3070



66.4940, 0.3028, 0.2863

Rectangle

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



66.4940, 0.3692, 0.3468



66.4940, 0.3549, 0.3768



66.4940, 0.2594, 0.3070



66.4940, 0.2710, 0.2826

Sweetspot

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



66.4899, 0.3692, 0.3468



89.2500, 0.3261, 0.3338



61.7417, 0.3285, 0.2746



18.6925, 0.3288, 0.3348



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.



66.4899, 0.3692, 0.3468



61.4488, 0.3831, 0.3503



84.7510, 0.3597, 0.3815



18.6925, 0.3288, 0.3348



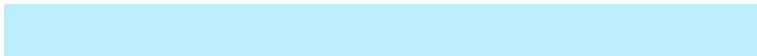
13.0439, 0.6103, 0.3536



1.4304, 0.5888, 0.3706

Inverse Universe

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



78.5683, 0.2702, 0.3104



75.2015, 0.2628, 0.3064



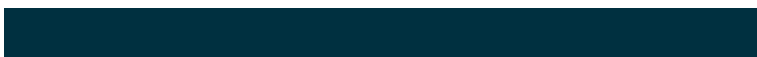
60.0931, 0.2661, 0.2703



19.7015, 0.2980, 0.3232



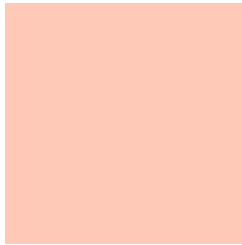
24.1743, 0.2027, 0.2495



2.5222, 0.2055, 0.2597

Previews

White Background



This preview shows how the Yxy color 66.4940, 0.3692, 0.3468 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 66.4940, 0.3692, 0.3468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

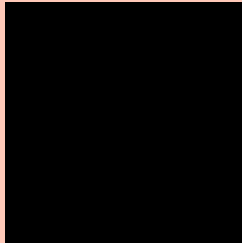
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.4940, 0.3692, 0.3468

Background



This preview shows how black text looks on a background with the Yxy color 66.4940, 0.3692, 0.3468.



This preview shows how white text looks on a background with the Yxy color 66.4940, 0.3692, 0.3468.

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

66.4940, 0.3692, 0.3468

Protanopia

66.9942, 0.3364, 0.3548

Deuteranopia

66.4940, 0.3608, 0.3526



Tritanopia

66.4016, 0.3475, 0.3148

Trichromacy



Original Color

66.4940, 0.3692, 0.3468

Protanomaly

66.8939, 0.3480, 0.3520

Deuteranomaly

66.7444, 0.3643, 0.3513

Tritanomaly

66.3711, 0.3553, 0.3260

Monochromacy



Original Color

66.4940, 0.3692, 0.3468

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.2758, 0.3321, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.4940, 0.3692, 0.3468 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, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 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, 201, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 184) }
```

Border

The CSS property to change the border of an element to Yxy 66.4940, 0.3692, 0.3468 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, 184) }
```

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

```
.border{ border-color:rgb(255, 201, 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, 201, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 201, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 201, 184); box-shadow:4px 4px 4px 4px rgb(255, 201, 184) }
```


Background

The CSS property to change the background color of an element to Yxy 66.4940, 0.3692, 0.3468 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, 184) }
```

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

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