

Converting Colors

$Yxy(89.5224, 0.4444, 0.3454)$

Have a look what the booklet for
Yxy(89.5224, 0.4444, 0.3454)
contains.

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Color

Yxy(66.3286, 0.3724, 0.3510)

Conversions

Conversions Part 1

Format	Color
Hex	FFC9B4
RGB	255, 201, 180
RGB Percent	100%, 79%, 71%
CMY	0.0000, 0.2118, 0.2941
CMYK	0.00, 0.21, 0.29, 0.00
HSL	17°, 100%, 85%
HSV	17°, 29%, 100%
XYZ	70.3726, 66.3286, 52.2692
YIQ	214.7520, 38.9250, 4.9170

Conversions

Conversions Part 2

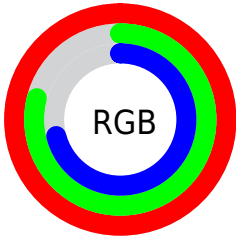
Format	Color
R _Y B	255, 209, 180
Decimal	16763316
CIE Lab	85.16, 16.28, 17.82
CIE LCh	85, 24.139, 47.582
Yxy	66.3286, 0.3724, 0.3510
Android (android.graphics.Color)	4294953396 (0xFFFFC9B4)
YUV	214.7520, -17.1327, 35.2975
Hunter-Lab	81.4424, 11.7138, 18.9577

Details

The Yxy color **66.3286, 0.3724, 0.3510** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.7673, 0.2675, 0.3058**, and the grayscale version is **67.8732, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8361, 0.3238, 0.3473**, and **34.2701, 0.3873, 0.3559** is the 20% darker color. If you saturate the color by 10%, you get **57.3260, 0.4004, 0.3588**, and if you desaturate by 10%, it is **76.5400, 0.3486, 0.3432**.

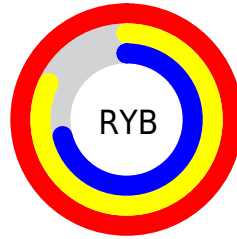
Distribution



Red (100%)

Green (79%)

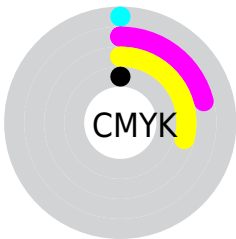
Blue (71%)



Red (100%)

Yellow (82%)

Blue (71%)

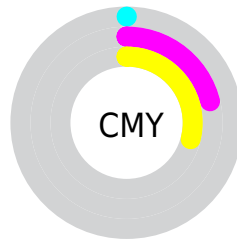


Cyan (0%)

Magenta (21%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (21%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.3286, 0.3724, 0.3510 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 66.3286, 0.3724, 0.3510 by changing the saturation by 10% instead.


 66.3286, 0.3724,
0.3510

 66.3286, 0.3724,
0.3510


447.5511, 0.3441,
0.3414

 48.5392, 0.3790,
0.3530


 113.9578, 0.3624,
0.3478

 34.2541, 0.3873,
0.3555


144.5665, 0.3586,
0.3465

 23.0889, 0.3979,
0.3584


180.2169, 0.3553,
0.3454

 14.6591, 0.4118,
0.3620

221.2937, 0.3525,
0.3444

 8.5805, 0.4311,
0.3663

268.1811, 0.3500,
0.3435

 4.4686, 0.4591,
0.3712

321.2635, 0.3478,

 1.9390, 0.5075,

0.3427

0.3788

380.9254, 0.3458,
0.3420

0.5717, 0.6230,
0.3770

0.0000, 0.0000,
0.0000

66.3286, 0.3724,
0.3510

66.3286, 0.3724,
0.3510

57.3260, 0.4004,
0.3588

76.5400, 0.3486,
0.3432

49.4940, 0.4327,
0.3659

88.0124, 0.3286,
0.3357

42.7806, 0.4688,
0.3716

100.0000, 0.3127,
0.3290

37.1322, 0.5072,
0.3746

■ 32.4911, 0.5448,
0.3737

■ 28.7929, 0.5778,
0.3683

■ 25.9595, 0.6029,
0.3590

■ 25.8173, 0.6042,
0.3584

Harmonies

Analogous

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



66.3286, 0.3616, 0.3261



66.3286, 0.3724, 0.3510



66.3286, 0.3662, 0.3719

Triad

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



66.3286, 0.3724, 0.3510



66.3286, 0.2874, 0.3573



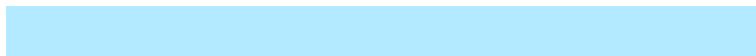
66.3286, 0.2792, 0.2795

Complementary

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



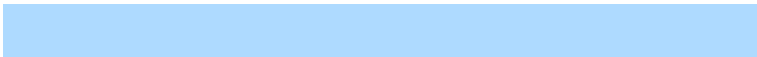
66.3286, 0.3724, 0.3510



75.7673, 0.2675, 0.3058

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.



66.3286, 0.2613, 0.2849



66.3286, 0.3724, 0.3510



66.3286, 0.2658, 0.3291

Square

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



66.3286, 0.3724, 0.3510



66.3286, 0.3165, 0.3773



66.3286, 0.2565, 0.3025



66.3286, 0.3067, 0.2861

Rectangle

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



66.3286, 0.3724, 0.3510



66.3286, 0.3536, 0.3803



66.3286, 0.2565, 0.3025



66.3286, 0.2719, 0.2799

Sweetspot

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



66.3258, 0.3724, 0.3510



88.5156, 0.3278, 0.3354



59.8978, 0.3316, 0.2738



18.5699, 0.3305, 0.3364



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.



66.3258, 0.3724, 0.3510



61.1521, 0.3875, 0.3554



85.4124, 0.3619, 0.3869



18.8149, 0.3287, 0.3357



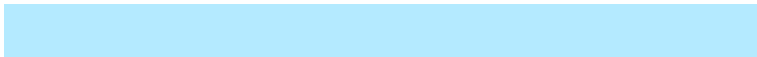
13.7053, 0.6013, 0.3607



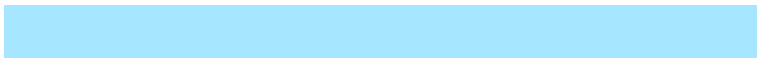
1.5094, 0.5793, 0.3782

Inverse Universe

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



75.7673, 0.2675, 0.3058



71.8995, 0.2594, 0.3007



57.0801, 0.2629, 0.2635



19.5711, 0.2980, 0.3222



21.8639, 0.1986, 0.2350



2.3135, 0.2020, 0.2470

Previews

White Background



This preview shows how the Yxy color 66.3286, 0.3724, 0.3510 looks on a white background.

Color Contrast Check

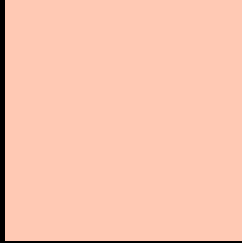
Large Text (above 18pt) WCAG AA × Fail

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 66.3286, 0.3724, 0.3510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

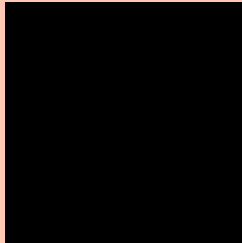
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.3286, 0.3724, 0.3510

Background



This preview shows how black text looks on a background with the Yxy color 66.3286, 0.3724, 0.3510.



This preview shows how white text looks on a background with the Yxy color 66.3286, 0.3724, 0.3510.

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

66.3286, 0.3724, 0.3510

Protanopia

66.3201, 0.3395, 0.3583

Deuteranopia

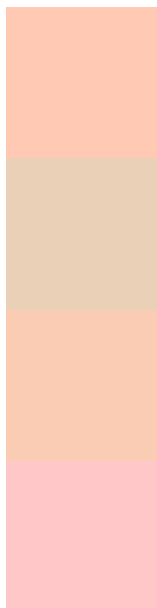
66.3298, 0.3639, 0.3569



Tritanopia

66.4016, 0.3475, 0.3148

Trichromacy



Original Color

66.3286, 0.3724, 0.3510

Protanomaly

66.2346, 0.3513, 0.3554

Deuteranomaly

66.5801, 0.3674, 0.3556

Tritanomaly

66.2770, 0.3569, 0.3281

Monochromacy



Original Color

66.3286, 0.3724, 0.3510

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 66.3286, 0.3724, 0.3510 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, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 180)  
}
```

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, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 180) }
```

Border

The CSS property to change the border of an element to Yxy 66.3286, 0.3724, 0.3510 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, 180) }
```

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

```
.border{ border-color:rgb(255, 201, 180) }
```

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, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 66.3286, 0.3724, 0.3510 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, 180) }
```

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

```
.background{ background-color: rgb(255,  
201, 180) }
```

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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