

Converting Colors

Yxy(66.4183, 0.3650, 0.3404)

Have a look what the booklet for
Yxy(66.4183, 0.3650, 0.3404)
contains.

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Color

Yxy(66.2427, 0.3654, 0.3406)

Conversions

Conversions Part 1

Format	Color
Hex	FFC8BD
RGB	255, 200, 189
RGB Percent	100%, 78%, 74%
CMY	0.0002, 0.2156, 0.2589
CMYK	0.00, 0.22, 0.26, 0.00
HSL	10°, 100%, 87%
HSV	10°, 26%, 100%
XYZ	71.0660, 66.2427, 57.1795
YIQ	215.1910, 36.3110, 8.2390

Conversions

Conversions Part 2

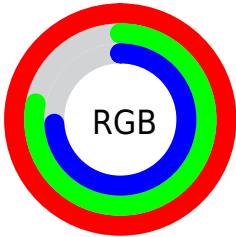
Format	Color
R _Y B	255, 202, 189
Decimal	16763069
CIE Lab	85.12, 17.95, 12.99
CIE LCh	85, 22.157, 35.884
Yxy	66.2427, 0.3654, 0.3406
Android (android.graphics.Color)	4294953149 (0xFFFFC8BD)
YUV	215.1910, -12.9122, 34.9125
Hunter-Lab	81.3896, 13.4269, 15.3191

Details

The Yxy color **66.2427, 0.3654, 0.3406** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.6879, 0.2736, 0.3170**, and the grayscale version is **68.1615, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3726, 0.3185, 0.3386**, and **34.2057, 0.3780, 0.3425** is the 20% darker color. If you saturate the color by 10%, you get **56.0718, 0.3939, 0.3453**, and if you desaturate by 10%, it is **77.9799, 0.3418, 0.3359**.

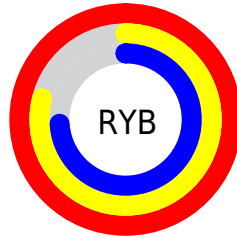
Distribution



Red (100%)

Green (78%)

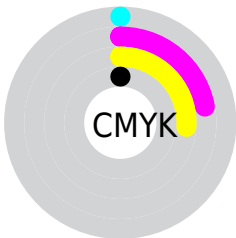
Blue (74%)



Red (100%)

Yellow (79%)

Blue (74%)

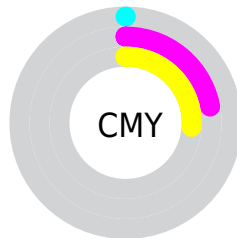


Cyan (0%)

Magenta (22%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (22%)

Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.2427, 0.3654, 0.3406 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 66.2427, 0.3654, 0.3406 by changing the saturation by 10% instead.


 66.2427, 0.3654,
0.3406

 66.2427, 0.3654,
0.3406


447.2444, 0.3404,
0.3357

 48.4694, 0.3713,
0.3416

 113.8346, 0.3566,
0.3390

 34.1988, 0.3786,
0.3428


144.4220, 0.3532,
0.3383

 23.0464, 0.3880,
0.3442


180.0497, 0.3503,
0.3378

 14.6277, 0.4005,
0.3458

221.1019, 0.3478,
0.3372

 8.5585, 0.4178,
0.3476

267.9630, 0.3456,
0.3368

 4.4544, 0.4434,
0.3493

321.0176, 0.3436,

 1.9308, 0.4846,

0.3364

0.3498

380.6499, 0.3419,
0.3360

0.5668, 0.6346,
0.3654

0.0000, 0.0000,
0.0000

66.2427, 0.3654,
0.3406

66.2427, 0.3654,
0.3406

56.0718, 0.3939,
0.3453

77.9799, 0.3418,
0.3359

47.3919, 0.4278,
0.3498

91.3363, 0.3224,
0.3315

40.1351, 0.4668,
0.3533

99.9912, 0.3127,
0.3290

34.2248, 0.5095,
0.3552

■ 29.5767, 0.5523,
0.3546

■ 26.0970, 0.5901,
0.3508

■ 23.6781, 0.6175,
0.3442

■ 22.9535, 0.6257,
0.3414

Harmonies

Analogous

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



66.2427, 0.3500, 0.3176



66.2427, 0.3654, 0.3406



66.2427, 0.3659, 0.3619

Triad

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



66.2427, 0.3654, 0.3406



66.2427, 0.2995, 0.3634



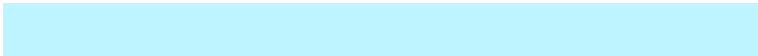
66.2427, 0.2741, 0.2840

Complementary

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



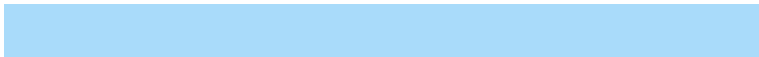
66.2427, 0.3654, 0.3406



82.6879, 0.2736, 0.3170

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.



66.2427, 0.2620, 0.2936



66.2427, 0.3654, 0.3406



66.2427, 0.2762, 0.3395

Square

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



66.2427, 0.3654, 0.3406



66.2427, 0.3271, 0.3768



66.2427, 0.2628, 0.3136



66.2427, 0.2967, 0.2858

Rectangle

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



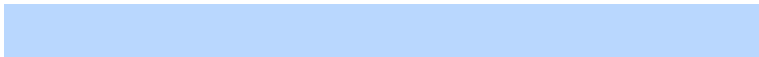
66.2427, 0.3654, 0.3406



66.2427, 0.3578, 0.3723



66.2427, 0.2628, 0.3136



66.2427, 0.2688, 0.2859

Sweetspot

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



66.2458, 0.3654, 0.3406



88.3914, 0.3262, 0.3324



64.1724, 0.3239, 0.2744



18.4779, 0.3290, 0.3330



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.



66.2458, 0.3654, 0.3406



60.8624, 0.3794, 0.3430



83.1838, 0.3571, 0.3735



18.4779, 0.3290, 0.3330



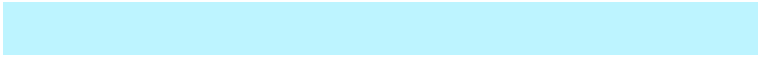
12.1414, 0.6235, 0.3431



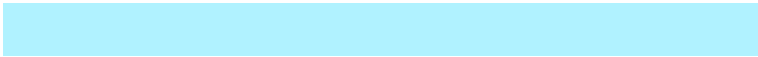
1.3133, 0.6042, 0.3584

Inverse Universe

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



82.6879, 0.2736, 0.3170



79.8156, 0.2664, 0.3144



64.6132, 0.2701, 0.2801



19.9337, 0.2980, 0.3249



28.6577, 0.2096, 0.2746



2.9214, 0.2115, 0.2815

Previews

White Background



This preview shows how the Yxy color 66.2427, 0.3654, 0.3406 looks on a white background.

Color Contrast Check

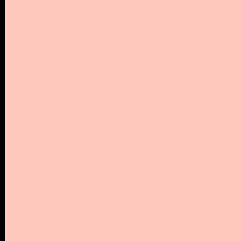
Large Text (above 18pt) WCAG AA × Fail

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 66.2427, 0.3654, 0.3406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

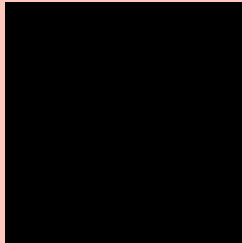
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.2427, 0.3654, 0.3406

Background



This preview shows how black text looks on a background with the Yxy color 66.2427, 0.3654, 0.3406.



This preview shows how white text looks on a background with the Yxy color 66.2427, 0.3654, 0.3406.

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

66.2427, 0.3654, 0.3406

Protanopia

66.3992, 0.3314, 0.3481

Deuteranopia

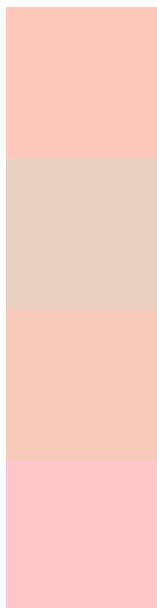
66.1707, 0.3545, 0.3474



Tritanopia

66.4016, 0.3475, 0.3148

Trichromacy



Original Color

66.2427, 0.3654, 0.3406

Protanomaly

66.2856, 0.3429, 0.3455

Deuteranomaly

66.1169, 0.3590, 0.3450

Tritanomaly

66.4665, 0.3537, 0.3240

Monochromacy



Original Color

66.2427, 0.3654, 0.3406

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.3724, 0.3307, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.2427, 0.3654, 0.3406 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, 200, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 189)  
}
```

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, 200, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 189) }
```

Border

The CSS property to change the border of an element to Yxy 66.2427, 0.3654, 0.3406 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, 200, 189) }
```

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

```
.border{ border-color:rgb(255, 200, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 200, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 200, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 200, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 200,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 66.2427, 0.3654, 0.3406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 200, 189) }
```

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

```
.background{ background-color: rgb(255,  
200, 189) }
```

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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