

Converting Colors

Yxy(66.2832, 0.3666, 0.3424)

Have a look what the booklet for
Yxy(66.2832, 0.3666, 0.3424)
contains.

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Color

Yxy(66.1564, 0.3670, 0.3427)

Conversions

Conversions Part 1

Format	Color
Hex	FFC8BB
RGB	255, 200, 187
RGB Percent	100%, 78%, 73%
CMY	0.0002, 0.2156, 0.2667
CMYK	0.00, 0.22, 0.27, 0.00
HSL	12°, 100%, 87%
HSV	12°, 27%, 100%
XYZ	70.8474, 66.1564, 56.0409
YIQ	214.9630, 36.9530, 7.6170

Conversions

Conversions Part 2

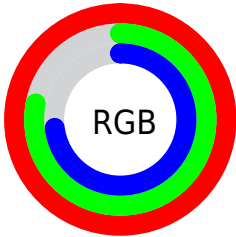
Format	Color
R _Y B	255, 203, 187
Decimal	16763067
CIE Lab	85.08, 17.68, 13.99
CIE LCh	85, 22.541, 38.361
Yxy	66.1564, 0.3670, 0.3427
Android (android.graphics.Color)	4294953147 (0xFFFFC8BB)
YUV	214.9630, -13.7858, 35.1124
Hunter-Lab	81.3366, 13.1415, 16.0848

Details

The Yxy color **66.1564, 0.3670, 0.3427** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.2247, 0.2723, 0.3148**, and the grayscale version is **68.0040, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2511, 0.3197, 0.3405**, and **34.1493, 0.3802, 0.3452** is the 20% darker color. If you saturate the color by 10%, you get **56.2527, 0.3955, 0.3481**, and if you desaturate by 10%, it is **77.5458, 0.3433, 0.3373**.

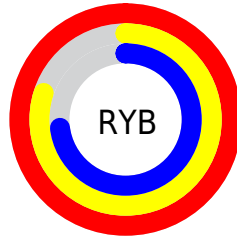
Distribution



Red (100%)

Green (78%)

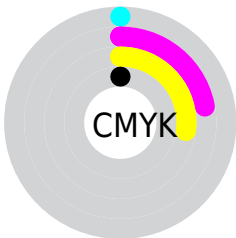
Blue (73%)



Red (100%)

Yellow (80%)

Blue (73%)

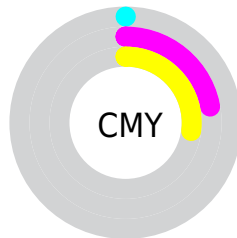


Cyan (0%)

Magenta (22%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (22%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.1564, 0.3670, 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 66.1564, 0.3670, 0.3427 by changing the saturation by 10% instead.


 66.1564, 0.3670,
0.3427

 66.1564, 0.3670,
0.3427

446.9360, 0.3412,
0.3368

 48.3994, 0.3731,
0.3439


 113.7108, 0.3579,
0.3408

 34.1433, 0.3806,
0.3453


144.2769, 0.3544,
0.3400

 23.0037, 0.3903,
0.3470


179.8816, 0.3514,
0.3393

 14.5962, 0.4032,
0.3490

220.9091, 0.3488,
0.3387

 8.5365, 0.4210,
0.3513

267.7439, 0.3466,
0.3381

 4.4401, 0.4473,
0.3537

320.7704, 0.3446,

 1.9227, 0.4897,

0.3377

0.3552

380.3730, 0.3428,
0.3372

0.5620, 0.6336,
0.3664

0.0000, 0.0000,
0.0000

66.1564, 0.3670,
0.3427

66.1564, 0.3670,
0.3427

56.2527, 0.3955,
0.3481

77.5458, 0.3433,
0.3373

47.7643, 0.4291,
0.3532

90.4695, 0.3238,
0.3322

40.6285, 0.4676,
0.3572

99.9895, 0.3127,
0.3290

34.7745, 0.5093,
0.3593

■ 30.1247, 0.5511,
0.3586

■ 26.5926, 0.5880,
0.3544

■ 24.0794, 0.6149,
0.3470

■ 23.4406, 0.6218,
0.3445

Harmonies

Analogous

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



66.1564, 0.3524, 0.3192



66.1564, 0.3670, 0.3427



66.1564, 0.3661, 0.3640

Triad

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



66.1564, 0.3670, 0.3427



66.1564, 0.2970, 0.3623



66.1564, 0.2750, 0.2829

Complementary

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



66.1564, 0.3670, 0.3427



81.2247, 0.2723, 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.



66.1564, 0.2617, 0.2917



66.1564, 0.3670, 0.3427



66.1564, 0.2740, 0.3375

Square

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



66.1564, 0.3670, 0.3427



66.1564, 0.3250, 0.3771



66.1564, 0.2613, 0.3113



66.1564, 0.2986, 0.2857

Rectangle

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



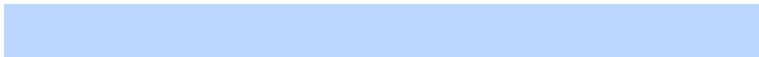
66.1564, 0.3670, 0.3427



66.1564, 0.3571, 0.3741



66.1564, 0.2613, 0.3113



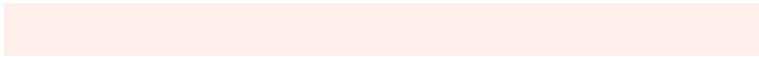
66.1564, 0.2693, 0.2845

Sweetspot

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



66.1595, 0.3670, 0.3427



88.6848, 0.3262, 0.3329



63.2245, 0.3251, 0.2738



18.5512, 0.3290, 0.3336



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.



66.1595, 0.3670, 0.3427



60.7146, 0.3816, 0.3456



83.3552, 0.3583, 0.3760



18.5512, 0.3290, 0.3336



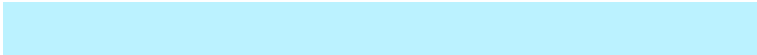
12.4139, 0.6194, 0.3464



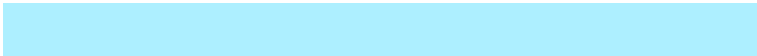
1.3503, 0.5992, 0.3624

Inverse Universe

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



81.2247, 0.2723, 0.3148



78.0809, 0.2647, 0.3116



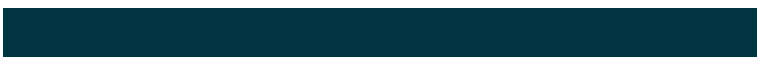
63.1388, 0.2686, 0.2771



19.8539, 0.2980, 0.3243



27.0630, 0.2073, 0.2661



2.7801, 0.2095, 0.2741

Previews

White Background



This preview shows how the Yxy color 66.1564, 0.3670, 0.3427 looks on a white background.

Color Contrast Check

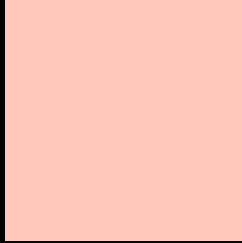
Large Text (above 18pt) WCAG AA × Fail

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 66.1564, 0.3670, 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 66.1564, 0.3670, 0.3427

Background



This preview shows how black text looks on a background with the Yxy color 66.1564, 0.3670, 0.3427.



This preview shows how white text looks on a background with the Yxy color 66.1564, 0.3670, 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



Original Color

66.1564, 0.3670, 0.3427

Protanopia

66.3094, 0.3329, 0.3504

Deuteranopia

66.2625, 0.3568, 0.3495



Tritanopia

66.4016, 0.3475, 0.3148

Trichromacy



Original Color

66.1564, 0.3670, 0.3427

Protanomaly

66.1970, 0.3444, 0.3477

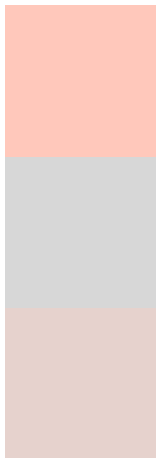
Deuteranomaly

66.0312, 0.3606, 0.3472

Tritanomaly

66.4186, 0.3545, 0.3250

Monochromacy



Original Color

66.1564, 0.3670, 0.3427

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.3240, 0.3314, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.1564, 0.3670, 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, 200, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 187)  
}
```

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, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 187) }
```

Border

The CSS property to change the border of an element to Yxy 66.1564, 0.3670, 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, 200, 187) }
```

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

```
.border{ border-color:rgb(255, 200, 187) }
```

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, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 200, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 200, 187); box-shadow:4px 4px 4px 4px rgb(255, 200, 187) }
```


Background

The CSS property to change the background color of an element to Yxy 66.1564, 0.3670, 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, 200, 187) }
```

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

```
.background{ background-color: rgb(255,  
200, 187) }
```

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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