

Converting Colors

$Yxy(71.1161, 0.3803, 0.3412)$

Have a look what the booklet for
Yxy(71.1161, 0.3803, 0.3412)
contains.

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Color

Yxy(67.2188, 0.3641, 0.3416)

Conversions

Conversions Part 1

Format	Color
Hex	FFCABE
RGB	255, 202, 190
RGB Percent	100%, 79%, 75%
CMY	0.0001, 0.2078, 0.2549
CMYK	0.00, 0.21, 0.25, 0.00
HSL	11°, 100%, 87%
HSV	11°, 25%, 100%
XYZ	71.6463, 67.2188, 57.9113
YIQ	216.4790, 35.4400, 7.5040

Conversions

Conversions Part 2

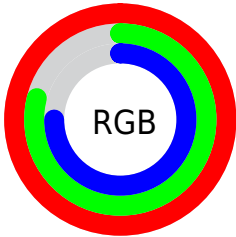
Format	Color
R_{YB}	255, 205, 190
Decimal	16763582
CIE _{Lab}	85.61, 17.05, 13.15
CIE _{LCh}	86, 21.537, 37.645
Yxy	67.2188, 0.3641, 0.3416
Android (android.graphics.Color)	4294953662 (0xFFFFCABE)
YUV	216.4790, -13.0541, 33.7829
Hunter-Lab	81.9871, 12.5089, 15.5117

Details

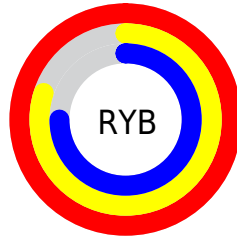
The Yxy color **67.2188, 0.3641, 0.3416** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.2356, 0.2740, 0.3160**, and the grayscale version is **69.0862, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **34.8563, 0.3761, 0.3438** is the 20% darker color. If you saturate the color by 10%, you get **57.0980, 0.3921, 0.3468**, and if you desaturate by 10%, it is **78.8539, 0.3409, 0.3364**.

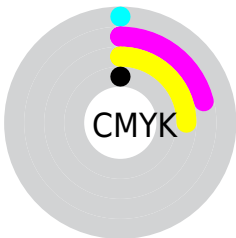
Distribution



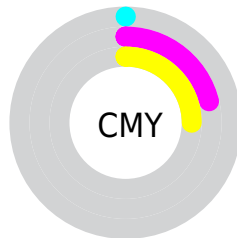
- Red (100%)
- Green (79%)
- Blue (75%)



- Red (100%)
- Yellow (80%)
- Blue (75%)



- Cyan (0%)
- Magenta (21%)
- Yellow (25%)
- Black (0%)





- Cyan (0%)
- Magenta (21%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.2188, 0.3641, 0.3416 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 67.2188, 0.3641, 0.3416 by changing the saturation by 10% instead.

 67.2188, 0.3641,
0.3416

 67.2188, 0.3641,
0.3416


450.7232, 0.3397,
0.3362

 49.2625, 0.3698,
0.3427


 115.2339, 0.3555,
0.3398

 34.8277, 0.3769,
0.3440


146.0614, 0.3522,
0.3391

 23.5302, 0.3860,
0.3456


181.9481, 0.3494,
0.3385

 14.9855, 0.3981,
0.3475

223.2784, 0.3470,
0.3379

 8.8092, 0.4148,
0.3496

270.4366, 0.3448,
0.3374

 4.6169, 0.4393,
0.3520

323.8073, 0.3429,

 2.0243, 0.4785,

0.3370

0.3534

383.7747, 0.3413,
0.3366

0.6215, 0.6209,
0.3791

0.0000, 0.0000,
0.0000

67.2188, 0.3641,
0.3416

67.2188, 0.3641,
0.3416

57.0980, 0.3921,
0.3468

78.8539, 0.3409,
0.3364

48.4199, 0.4253,
0.3518

92.0524, 0.3217,
0.3315

41.1209, 0.4635,
0.3558

99.9944, 0.3127,
0.3290

35.1291, 0.5053,
0.3581

■ 30.3659, 0.5476,
0.3577

■ 26.7437, 0.5855,
0.3539

■ 24.1629, 0.6136,
0.3470

■ 23.3014, 0.6230,
0.3436

Harmonies

Analogous

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



67.2188, 0.3500, 0.3192



67.2188, 0.3641, 0.3416



67.2188, 0.3637, 0.3619

Triad

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



67.2188, 0.3641, 0.3416



67.2188, 0.2984, 0.3610



67.2188, 0.2764, 0.2852

Complementary

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



67.2188, 0.3641, 0.3416



82.2356, 0.2740, 0.3160

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.



67.2188, 0.2640, 0.2939



67.2188, 0.3641, 0.3416



67.2188, 0.2763, 0.3377

Square

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



67.2188, 0.3641, 0.3416



67.2188, 0.3251, 0.3748



67.2188, 0.2639, 0.3128



67.2188, 0.2987, 0.2876

Rectangle

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



67.2188, 0.3641, 0.3416



67.2188, 0.3553, 0.3716



67.2188, 0.2639, 0.3128



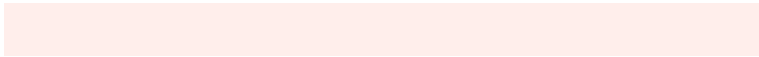
67.2188, 0.2710, 0.2869

Sweetspot

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



67.2219, 0.3641, 0.3416



88.6024, 0.3262, 0.3327



64.5548, 0.3245, 0.2762



18.5306, 0.3290, 0.3335



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.



67.2219, 0.3641, 0.3416



61.4695, 0.3789, 0.3445



84.0432, 0.3561, 0.3738



18.5306, 0.3290, 0.3335



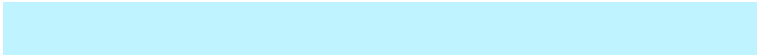
12.3337, 0.6206, 0.3454



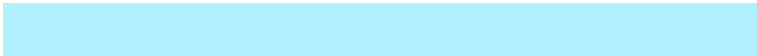
1.3396, 0.6006, 0.3613

Inverse Universe

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



82.2356, 0.2740, 0.3160



78.9850, 0.2662, 0.3128



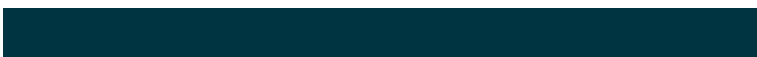
64.5412, 0.2707, 0.2797



19.8762, 0.2980, 0.3245



27.5042, 0.2079, 0.2685



2.8193, 0.2101, 0.2762

Previews

White Background



This preview shows how the Yxy color 67.2188, 0.3641, 0.3416 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 67.2188, 0.3641, 0.3416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

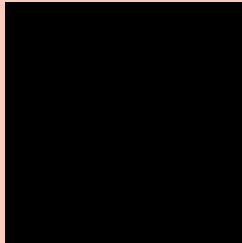
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.2188, 0.3641, 0.3416

Background



This preview shows how black text looks on a background with the Yxy color 67.2188, 0.3641, 0.3416.



This preview shows how white text looks on a background with the Yxy color 67.2188, 0.3641, 0.3416.

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

67.2188, 0.3641, 0.3416

Protanopia

67.6083, 0.3312, 0.3491

Deuteranopia

67.0498, 0.3551, 0.3473



Tritanopia

67.4236, 0.3456, 0.3148

Trichromacy



Original Color

67.2188, 0.3641, 0.3416

Protanomaly

67.4807, 0.3426, 0.3465

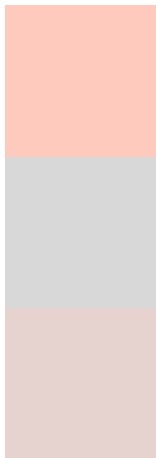
Deuteranomaly

67.2932, 0.3585, 0.3460

Tritanomaly

67.4411, 0.3525, 0.3250

Monochromacy



Original Color

67.2188, 0.3641, 0.3416

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

67.9165, 0.3298, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.2188, 0.3641, 0.3416 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, 202, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 190)  
}
```

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, 202, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 190) }
```

Border

The CSS property to change the border of an element to Yxy 67.2188, 0.3641, 0.3416 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, 202, 190) }
```

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

```
.border{ border-color:rgb(255, 202, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 202, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 67.2188, 0.3641, 0.3416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 202, 190) }
```

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

```
.background{ background-color: rgb(255,  
202, 190) }
```

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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