

Converting Colors

Yxy(63.2184, 0.3730, 0.3419)

Have a look what the booklet for
Yxy(63.2184, 0.3730, 0.3419)
contains.

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Color

Yxy(63.2210, 0.3728, 0.3417)

Conversions

Conversions Part 1

Format	Color
Hex	FFC2B6
RGB	255, 194, 182
RGB Percent	100%, 76%, 71%
CMY	0.0000, 0.2392, 0.2863
CMYK	0.00, 0.24, 0.29, 0.00
HSL	10°, 100%, 86%
HSV	10°, 29%, 100%
XYZ	68.9751, 63.2210, 52.8229
YIQ	210.8710, 40.2080, 9.2000

Conversions

Conversions Part 2

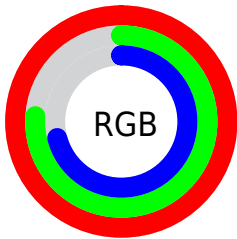
Format	Color
R _Y B	255, 196, 182
Decimal	16761526
CIE Lab	83.56, 20.19, 14.50
CIE LCh	84, 24.856, 35.692
Yxy	63.2210, 0.3728, 0.3417
Android (android.graphics.Color)	4294951606 (0xFFFFC2B6)
YUV	210.8710, -14.2334, 38.7011
Hunter-Lab	79.5116, 15.7006, 16.2693

Details

The Yxy color **63.2210, 0.3728, 0.3417** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.2625, 0.2697, 0.3158**, and the grayscale version is **65.1294, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4274, 0.3230, 0.3416**, and **32.2115, 0.3883, 0.3440** is the 20% darker color. If you saturate the color by 10%, you get **53.4498, 0.4028, 0.3463**, and if you desaturate by 10%, it is **74.5498, 0.3479, 0.3371**.

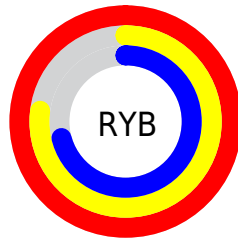
Distribution



Red (100%)

Green (76%)

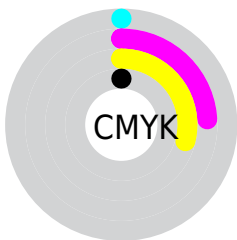
Blue (71%)



Red (100%)

Yellow (77%)

Blue (71%)

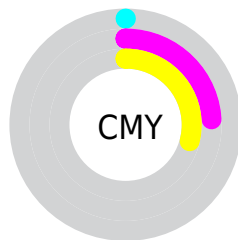


Cyan (0%)

Magenta (24%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.2210, 0.3728, 0.3417 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 63.2210, 0.3728, 0.3417 by changing the saturation by 10% instead.


 63.2210, 0.3728,
0.3417

 63.2210, 0.3728,
0.3417


436.3711, 0.3440,
0.3364

 46.0200, 0.3796,
0.3428


 109.4883, 0.3626,
0.3400

 32.2616, 0.3882,
0.3440


139.3234, 0.3587,
0.3393

 21.5614, 0.3991,
0.3454


174.1386, 0.3554,
0.3386

 13.5350, 0.4138,
0.3469

214.3184, 0.3525,
0.3381

 7.7980, 0.4343,
0.3485

260.2472, 0.3500,
0.3376

 3.9659, 0.4647,
0.3495

312.3093, 0.3477,

 1.6545, 0.5180,

0.3371

0.3505

370.8891, 0.3458,
0.3367

0.3940, 0.6877,
0.3123

0.0000, 0.0000,
0.0000

63.2210, 0.3728,
0.3417

63.2210, 0.3728,
0.3417

53.4498, 0.4028,
0.3463

74.5498, 0.3479,
0.3371

45.1592, 0.4383,
0.3505

87.4910, 0.3274,
0.3326

38.2791, 0.4786,
0.3536

100.0000, 0.3127,
0.3290

32.7301, 0.5219,
0.3549

■ 28.4249, 0.5640,
0.3534

■ 25.2651, 0.5994,
0.3488

■ 23.1341, 0.6235,
0.3419

■ 22.9116, 0.6261,
0.3410

Harmonies

Analogous

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



63.2210, 0.3551, 0.3158



63.2210, 0.3728, 0.3417



63.2210, 0.3734, 0.3660

Triad

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



63.2210, 0.3728, 0.3417



63.2210, 0.2977, 0.3686



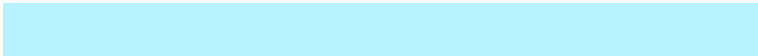
63.2210, 0.2688, 0.2780

Complementary

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



63.2210, 0.3728, 0.3417



81.2625, 0.2697, 0.3158

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.



63.2210, 0.2553, 0.2887



63.2210, 0.3728, 0.3417



63.2210, 0.2713, 0.3411

Square

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



63.2210, 0.3728, 0.3417



63.2210, 0.3291, 0.3838



63.2210, 0.2561, 0.3114



63.2210, 0.2941, 0.2801

Rectangle

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



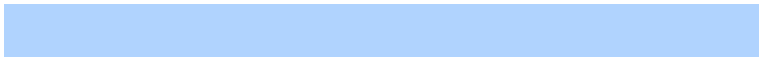
63.2210, 0.3728, 0.3417



63.2210, 0.3641, 0.3781



63.2210, 0.2561, 0.3114



63.2210, 0.2628, 0.2801

Sweetspot

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



63.2240, 0.3728, 0.3417



86.9790, 0.3281, 0.3328



61.2508, 0.3243, 0.2674



18.1940, 0.3308, 0.3334



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.



63.2240, 0.3728, 0.3417



57.7839, 0.3883, 0.3442



80.9254, 0.3628, 0.3772



18.4695, 0.3290, 0.3330



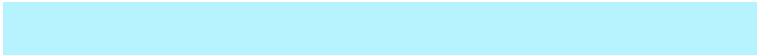
12.1127, 0.6240, 0.3428



1.3093, 0.6048, 0.3580

Inverse Universe

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



81.2625, 0.2697, 0.3158



78.3348, 0.2623, 0.3130



62.0579, 0.2654, 0.2755



19.9428, 0.2980, 0.3250



28.8432, 0.2099, 0.2756



2.9378, 0.2118, 0.2823

Previews

White Background



This preview shows how the Yxy color 63.2210, 0.3728, 0.3417 looks on a white background.

Color Contrast Check

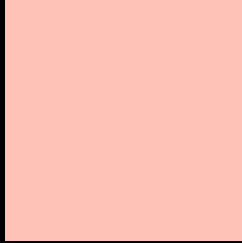
Large Text (above 18pt) WCAG AA × Fail

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 63.2210, 0.3728, 0.3417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

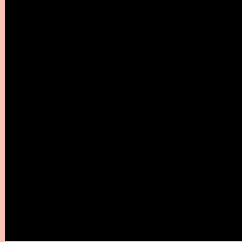
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.2210, 0.3728, 0.3417

Background



This preview shows how black text looks on a background with the Yxy color 63.2210, 0.3728, 0.3417.



This preview shows how white text looks on a background with the Yxy color 63.2210, 0.3728, 0.3417.

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

63.2210, 0.3728, 0.3417

Protanopia

63.5376, 0.3332, 0.3508

Deuteranopia

63.4602, 0.3585, 0.3509



Tritanopia

63.3671, 0.3543, 0.3157

Trichromacy



Original Color

63.2210, 0.3728, 0.3417

Protanomaly

63.2460, 0.3476, 0.3480

Deuteranomaly

63.1368, 0.3642, 0.3474

Tritanomaly

63.4311, 0.3606, 0.3250

Monochromacy



Original Color

63.2210, 0.3728, 0.3417

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.1637, 0.3334, 0.3346

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.2210, 0.3728, 0.3417 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, 194, 182)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 182)  
}
```

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, 194, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 182) }
```

Border

The CSS property to change the border of an element to Yxy 63.2210, 0.3728, 0.3417 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, 194, 182) }
```

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

```
.border{ border-color:rgb(255, 194, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 194, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 182);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 63.2210, 0.3728, 0.3417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 182) }
```

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

```
.background{ background-color: rgb(255,  
194, 182) }
```

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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