

Converting Colors

Yxy(63.2545, 0.3771, 0.3479)

Have a look what the booklet for
Yxy(63.2545, 0.3771, 0.3479)
contains.

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Color

Yxy(63.4645, 0.3766, 0.3480)

Conversions

Conversions Part 1

Format	Color
Hex	FFC3B1
RGB	255, 195, 177
RGB Percent	100%, 76%, 69%
CMY	0.0002, 0.2352, 0.3059
CMYK	0.00, 0.24, 0.31, 0.00
HSL	14°, 100%, 85%
HSV	14°, 31%, 100%
XYZ	68.6803, 63.4645, 50.2245
YIQ	210.8880, 41.5380, 7.1220

Conversions

Conversions Part 2

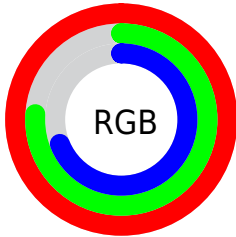
Format	Color
R _Y B	255, 200, 177
Decimal	16761777
CIE Lab	83.69, 19.00, 17.34
CIE LCh	84, 25.721, 42.394
Yxy	63.4645, 0.3766, 0.3480
Android (android.graphics.Color)	4294951857 (0xFFFFC3B1)
YUV	210.8880, -16.7068, 38.6862
Hunter-Lab	79.6646, 14.4749, 18.3859

Details

The Yxy color **63.4645, 0.3766, 0.3480** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.0979, 0.2663, 0.3090**, and the grayscale version is **65.1558, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7640, 0.3259, 0.3474**, and **32.3753, 0.3935, 0.3520** is the 20% darker color. If you saturate the color by 10%, you get **54.3274, 0.4062, 0.3544**, and if you desaturate by 10%, it is **73.9506, 0.3517, 0.3415**.

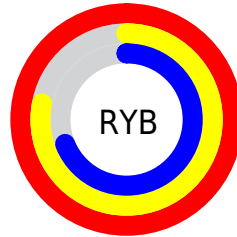
Distribution



Red (100%)

Green (76%)

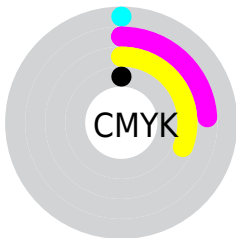
Blue (69%)



Red (100%)

Yellow (78%)

Blue (69%)

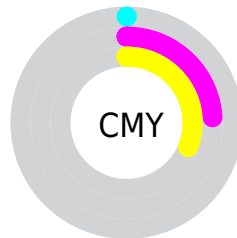


Cyan (0%)

Magenta (24%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.4645, 0.3766, 0.3480 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 63.4645, 0.3766, 0.3480 by changing the saturation by 10% instead.


 63.4645, 0.3766,
0.3480

 63.4645, 0.3766,
0.3480


437.2533, 0.3460,
0.3398

 46.2171, 0.3838,
0.3497


 109.8394, 0.3658,
0.3453

 32.4172, 0.3929,
0.3517


139.7356, 0.3616,
0.3442

 21.6803, 0.4045,
0.3540


174.6169, 0.3581,
0.3432

 13.6222, 0.4199,
0.3568

214.8677, 0.3550,
0.3424

 7.8584, 0.4414,
0.3599

260.8723, 0.3523,
0.3416

 4.0045, 0.4729,
0.3628

313.0152, 0.3500,

 1.6761, 0.5331,

0.3410

0.3703

371.6807, 0.3479,
0.3403

0.4081, 0.6761,
0.3239

0.0000, 0.0000,
0.0000

63.4645, 0.3766,
0.3480

63.4645, 0.3766,
0.3480

54.3274, 0.4062,
0.3544

73.9506, 0.3517,
0.3415

46.4753, 0.4406,
0.3602

85.8288, 0.3309,
0.3352

39.8520, 0.4790,
0.3644

99.1512, 0.3136,
0.3293

34.3937, 0.5197,
0.3662

99.9927, 0.3127,
0.3290

■ 30.0304, 0.5589,
0.3643

■ 26.6840, 0.5920,
0.3584

■ 24.3744, 0.6147,
0.3502

Harmonies

Analogous

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



63.4645, 0.3619, 0.3211



63.4645, 0.3766, 0.3480



63.4645, 0.3730, 0.3719

Triad

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



63.4645, 0.3766, 0.3480



63.4645, 0.2904, 0.3644



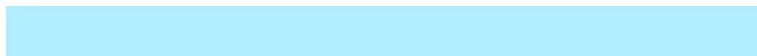
63.4645, 0.2723, 0.2757

Complementary

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



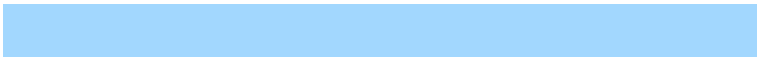
63.4645, 0.3766, 0.3480



77.0979, 0.2663, 0.3090

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.



63.4645, 0.2553, 0.2838



63.4645, 0.3766, 0.3480



63.4645, 0.2653, 0.3344

Square

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



63.4645, 0.3766, 0.3480



63.4645, 0.3223, 0.3837



63.4645, 0.2528, 0.3046



63.4645, 0.3005, 0.2808

Rectangle

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



63.4645, 0.3766, 0.3480



63.4645, 0.3610, 0.3827



63.4645, 0.2528, 0.3046



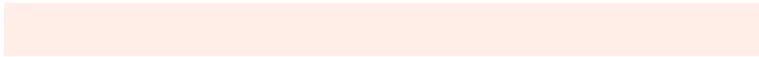
63.4645, 0.2652, 0.2769

Sweetspot

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



63.4675, 0.3766, 0.3480



87.8634, 0.3279, 0.3343



58.8744, 0.3294, 0.2679



18.4103, 0.3306, 0.3351



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.



63.4675, 0.3766, 0.3480



57.4659, 0.3950, 0.3522



82.6328, 0.3652, 0.3856



18.6683, 0.3289, 0.3346



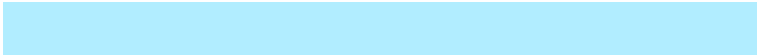
12.9260, 0.6120, 0.3523



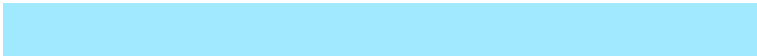
1.4159, 0.5907, 0.3692

Inverse Universe

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



77.0979, 0.2663, 0.3090



73.1457, 0.2573, 0.3042



57.4527, 0.2612, 0.2651



19.7275, 0.2980, 0.3234



24.6521, 0.2035, 0.2524



2.5650, 0.2062, 0.2622

Previews

White Background



This preview shows how the Yxy color 63.4645, 0.3766, 0.3480 looks on a white background.

Color Contrast Check

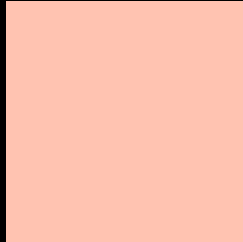
Large Text (above 18pt) WCAG AA × Fail

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 63.4645, 0.3766, 0.3480 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 63.4645, 0.3766, 0.3480

Background



This preview shows how black text looks on a background with the Yxy color 63.4645, 0.3766, 0.3480.



This preview shows how white text looks on a background with the Yxy color 63.4645, 0.3766, 0.3480.

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

63.4645, 0.3766, 0.3480

Protanopia

63.6325, 0.3385, 0.3565

Deuteranopia

63.6086, 0.3641, 0.3563



Tritanopia

63.4155, 0.3535, 0.3147

Trichromacy



Original Color

63.4645, 0.3766, 0.3480

Protanomaly

63.2039, 0.3523, 0.3535

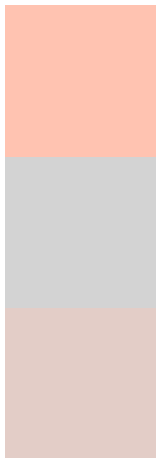
Deuteranomaly

63.5743, 0.3688, 0.3538

Tritanomaly

63.3401, 0.3623, 0.3271

Monochromacy



Original Color

63.4645, 0.3766, 0.3480

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.1171, 0.3342, 0.3357

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.4645, 0.3766, 0.3480 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, 195, 177)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 177)  
}
```

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, 195, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 177) }
```

Border

The CSS property to change the border of an element to Yxy 63.4645, 0.3766, 0.3480 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, 195, 177) }
```

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

```
.border{ border-color:rgb(255, 195, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 195, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 177);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 63.4645, 0.3766, 0.3480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 195, 177) }
```

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

```
.background{ background-color: rgb(255,  
195, 177) }
```

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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