

Converting Colors

$Y_{xy}(62.7515, 0.3774, 0.3469)$

Have a look what the booklet for
Yxy(62.7515, 0.3774, 0.3469)
contains.

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Color

Yxy(62.5743, 0.3773, 0.3459)

Conversions

Conversions Part 1

Format	Color
Hex	FFC1B1
RGB	255, 193, 177
RGB Percent	100%, 76%, 69%
CMY	0.0000, 0.2432, 0.3059
CMYK	0.00, 0.24, 0.31, 0.00
HSL	12°, 100%, 85%
HSV	12°, 31%, 100%
XYZ	68.2546, 62.5743, 50.0739
YIQ	209.7140, 42.0880, 8.1680

Conversions

Conversions Part 2

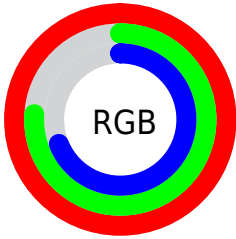
Format	Color
R _Y B	255, 197, 177
Decimal	16761265
CIE Lab	83.22, 20.09, 16.69
CIE LCh	83, 26.114, 39.723
Yxy	62.5743, 0.3773, 0.3459
Android (android.graphics.Color)	4294951345 (0xFFFFC1B1)
YUV	209.7140, -16.1280, 39.7158
Hunter-Lab	79.1039, 15.5865, 17.8413

Details

The Yxy color **62.5743, 0.3773, 0.3459** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.3033, 0.2666, 0.3113**, and the grayscale version is **64.3344, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5144, 0.3261, 0.3455**, and **31.7908, 0.3945, 0.3493** is the 20% darker color. If you saturate the color by 10%, you get **53.2909, 0.4074, 0.3516**, and if you desaturate by 10%, it is **73.2692, 0.3520, 0.3401**.

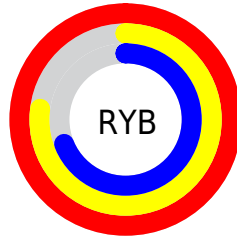
Distribution



Red (100%)

Green (76%)

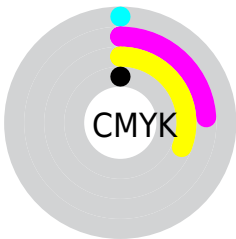
Blue (69%)



Red (100%)

Yellow (77%)

Blue (69%)

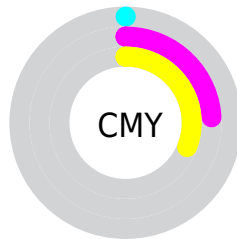


Cyan (0%)

Magenta (24%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (24%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.5743, 0.3773, 0.3459 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 62.5743, 0.3773, 0.3459 by changing the saturation by 10% instead.

 62.5743, 0.3773,
0.3459

 62.5743, 0.3773,
0.3459

434.0229, 0.3463,
0.3387

 45.4969, 0.3846,
0.3474


 108.5551, 0.3663,
0.3435

 31.8490, 0.3938,
0.3491


138.2273, 0.3621,
0.3426

 21.2462, 0.4057,
0.3511


172.8666, 0.3585,
0.3417

 13.3041, 0.4215,
0.3533

212.8574, 0.3554,
0.3410

 7.6383, 0.4435,
0.3557

258.5840, 0.3527,
0.3403

 3.8644, 0.4760,
0.3576

310.4308, 0.3503,

 1.5980, 0.5391,

0.3397

0.3638

368.7823, 0.3482,
0.3392

0.3562, 0.6994,
0.3006

0.0000, 0.0000,
0.0000

62.5743, 0.3773,
0.3459

62.5743, 0.3773,
0.3459

53.2909, 0.4074,
0.3516

73.2692, 0.3520,
0.3401

45.3692, 0.4427,
0.3567

85.4425, 0.3310,
0.3345

38.7409, 0.4822,
0.3603

99.1443, 0.3136,
0.3293

33.3359, 0.5239,
0.3617

100.0000, 0.3127,
0.3290

■ 29.0774, 0.5640,
0.3597

■ 25.8790, 0.5974,
0.3539

■ 23.7417, 0.6196,
0.3463

Harmonies

Analogous

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



62.5743, 0.3608, 0.3185



62.5743, 0.3773, 0.3459



62.5743, 0.3753, 0.3708

Triad

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



62.5743, 0.3773, 0.3459



62.5743, 0.2926, 0.3675



62.5743, 0.2694, 0.2749

Complementary

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



62.5743, 0.3773, 0.3459



78.3033, 0.2666, 0.3113

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.



62.5743, 0.2534, 0.2842



62.5743, 0.3773, 0.3459



62.5743, 0.2662, 0.3374

Square

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



62.5743, 0.3773, 0.3459



62.5743, 0.3254, 0.3858



62.5743, 0.2522, 0.3065



62.5743, 0.2974, 0.2789

Rectangle

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



62.5743, 0.3773, 0.3459



62.5743, 0.3640, 0.3826



62.5743, 0.2522, 0.3065



62.5743, 0.2625, 0.2765

Sweetspot

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



62.5709, 0.3773, 0.3459



87.5162, 0.3280, 0.3337



58.9592, 0.3284, 0.2667



18.3253, 0.3307, 0.3345



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.



62.5709, 0.3773, 0.3459



56.4620, 0.3960, 0.3496



81.9222, 0.3656, 0.3844



18.5902, 0.3289, 0.3339



12.5741, 0.6171, 0.3482



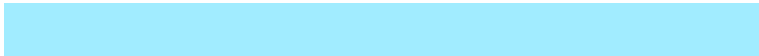
1.3713, 0.5964, 0.3646

Inverse Universe

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



78.3033, 0.2666, 0.3113



74.5523, 0.2577, 0.3070



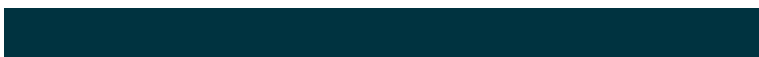
58.0604, 0.2614, 0.2666



19.8116, 0.2980, 0.3240



26.2402, 0.2060, 0.2616



2.7069, 0.2084, 0.2701

Previews

White Background



This preview shows how the Yxy color 62.5743, 0.3773, 0.3459 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 62.5743, 0.3773, 0.3459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

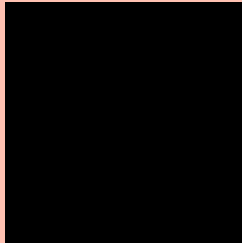
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.5743, 0.3773, 0.3459

Background



This preview shows how black text looks on a background with the Yxy color 62.5743, 0.3773, 0.3459.



This preview shows how white text looks on a background with the Yxy color 62.5743, 0.3773, 0.3459.

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

62.5743, 0.3773, 0.3459

Protanopia

62.8381, 0.3371, 0.3555

Deuteranopia

62.7939, 0.3627, 0.3554



Tritanopia

62.4465, 0.3555, 0.3147

Trichromacy



Original Color

62.5743, 0.3773, 0.3459

Protanomaly

62.5662, 0.3517, 0.3525

Deuteranomaly

62.4796, 0.3685, 0.3518

Tritanomaly

62.4166, 0.3636, 0.3260

Monochromacy



Original Color

62.5743, 0.3773, 0.3459

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.4317, 0.3343, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.5743, 0.3773, 0.3459 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, 193, 177)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 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, 193, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 177) }
```

Border

The CSS property to change the border of an element to Yxy 62.5743, 0.3773, 0.3459 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, 193, 177) }
```

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

```
.border{ border-color:rgb(255, 193, 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, 193, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 177);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 62.5743, 0.3773, 0.3459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 193, 177) }
```

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

```
.background{ background-color: rgb(255,  
193, 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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