

Converting Colors

Yxy(61.3361, 0.3769, 0.3413)

Have a look what the booklet for
Yxy(61.3361, 0.3769, 0.3413)
contains.

Yxy(61.3013, 0.3774, 0.3417)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(61.3013, 0.3774, 0.3417)

Conversions

Conversions Part 1

Format	Color
Hex	FFBEB2
RGB	255, 190, 178
RGB Percent	100%, 75%, 70%
CMY	0.0000, 0.2550, 0.3019
CMYK	0.00, 0.25, 0.30, 0.00
HSL	9°, 100%, 85%
HSV	9°, 30%, 100%
XYZ	67.7059, 61.3013, 50.3937
YIQ	208.0670, 42.5920, 10.0480

Conversions

Conversions Part 2

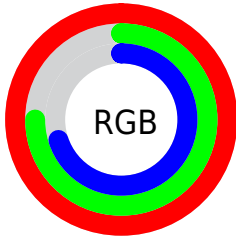
Format	Color
R _Y B	255, 192, 178
Decimal	16760498
CIE Lab	82.54, 21.80, 15.19
CIE LCh	83, 26.574, 34.871
Yxy	61.3013, 0.3774, 0.3417
Android (android.graphics.Color)	4294950578 (0xFFFFBEB2)
YUV	208.0670, -14.8230, 41.1602
Hunter-Lab	78.2951, 17.3418, 16.6453

Details

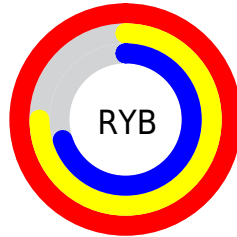
The Yxy color **61.3013, 0.3774, 0.3417** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.8129, 0.2676, 0.3158**, and the grayscale version is **63.1923, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7220, 0.3257, 0.3417**, and **30.9593, 0.3948, 0.3440** is the 20% darker color. If you saturate the color by 10%, you get **51.7130, 0.4084, 0.3460**, and if you desaturate by 10%, it is **72.4435, 0.3515, 0.3373**.

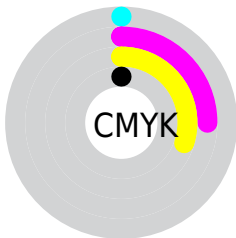
Distribution



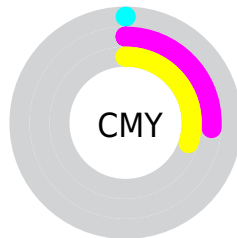
- Red (100%)
- Green (75%)
- Blue (70%)



- Red (100%)
- Yellow (75%)
- Blue (70%)



- Cyan (0%)
- Magenta (25%)
- Yellow (30%)
- Black (0%)





- Cyan (0%)
- Magenta (26%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.3013, 0.3774, 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 61.3013, 0.3774, 0.3417 by changing the saturation by 10% instead.


 61.3013, 0.3774,
0.3417

 61.3013, 0.3774,
0.3417


429.3779, 0.3462,
0.3364

 44.4684, 0.3848,
0.3427


 106.7151, 0.3663,
0.3400

 31.0389, 0.3941,
0.3439


136.0647, 0.3621,
0.3393

 20.6285, 0.4062,
0.3451


170.3554, 0.3585,
0.3387

 12.8527, 0.4223,
0.3465

209.9715, 0.3554,
0.3382

 7.3272, 0.4448,
0.3476

255.2974, 0.3526,
0.3377

 3.6676, 0.4785,
0.3477

306.7175, 0.3502,

 1.4894, 0.5436,

0.3372

0.3506

364.6162, 0.3481,
0.3368

0.2812, 0.7398,
0.2602

0.0000, 0.0000,
0.0000

61.3013, 0.3774,
0.3417

61.3013, 0.3774,
0.3417

51.7130, 0.4084,
0.3460

72.4435, 0.3515,
0.3373

43.6305, 0.4450,
0.3499

85.2286, 0.3304,
0.3330

36.9698, 0.4863,
0.3526

99.7114, 0.3130,
0.3291

31.6480, 0.5300,
0.3533

100.0000, 0.3127,
0.3290

■ 27.5731, 0.5717,
0.3514

■ 24.6412, 0.6056,
0.3465

■ 22.7519, 0.6274,
0.3400

Harmonies

Analogous

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



61.3013, 0.3577, 0.3139



61.3013, 0.3774, 0.3417



61.3013, 0.3785, 0.3681

Triad

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



61.3013, 0.3774, 0.3417



61.3013, 0.2973, 0.3726



61.3013, 0.2648, 0.2742

Complementary

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



61.3013, 0.3774, 0.3417



80.8129, 0.2676, 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.



61.3013, 0.2507, 0.2860



61.3013, 0.3774, 0.3417



61.3013, 0.2687, 0.3429

Square

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



61.3013, 0.3774, 0.3417



61.3013, 0.3311, 0.3886



61.3013, 0.2521, 0.3106



61.3013, 0.2917, 0.2762

Rectangle

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



61.3013, 0.3774, 0.3417



61.3013, 0.3687, 0.3814



61.3013, 0.2521, 0.3106



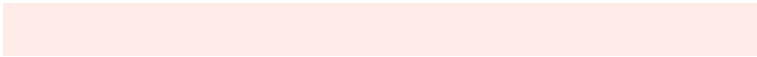
61.3013, 0.2585, 0.2766

Sweetspot

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



61.2937, 0.3774, 0.3417



86.8588, 0.3281, 0.3326



59.6077, 0.3251, 0.2640



18.1646, 0.3309, 0.3332



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.



61.2937, 0.3774, 0.3417



55.5387, 0.3947, 0.3443



79.9936, 0.3659, 0.3799



18.4425, 0.3291, 0.3328



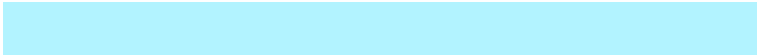
12.0229, 0.6254, 0.3417



1.2966, 0.6066, 0.3566

Inverse Universe

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



80.8129, 0.2676, 0.3158



77.7832, 0.2598, 0.3129



60.3328, 0.2626, 0.2721



19.9723, 0.2980, 0.3252



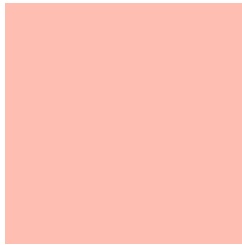
29.4505, 0.2108, 0.2787



2.9913, 0.2125, 0.2850

Previews

White Background



This preview shows how the Yxy color 61.3013, 0.3774, 0.3417 looks on a white background.

Color Contrast Check

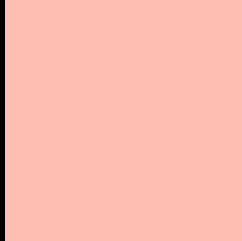
Large Text (above 18pt) WCAG AA × Fail

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 61.3013, 0.3774, 0.3417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

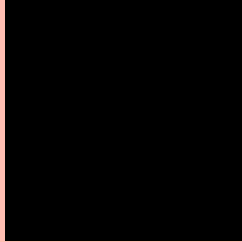
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.3013, 0.3774, 0.3417

Background



This preview shows how black text looks on a background with the Yxy color 61.3013, 0.3774, 0.3417.



This preview shows how white text looks on a background with the Yxy color 61.3013, 0.3774, 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

61.3013, 0.3774, 0.3417

Protanopia

61.5040, 0.3335, 0.3511

Deuteranopia

61.3954, 0.3599, 0.3523



Tritanopia

61.4435, 0.3584, 0.3157

Trichromacy



Original Color

61.3013, 0.3774, 0.3417

Protanomaly

61.3855, 0.3489, 0.3482

Deuteranomaly

61.2592, 0.3666, 0.3487

Tritanomaly

61.5054, 0.3649, 0.3250

Monochromacy



Original Color

61.3013, 0.3774, 0.3417

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

61.8121, 0.3347, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.3013, 0.3774, 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, 190, 178)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 178)  
}
```

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, 190, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 178) }
```

Border

The CSS property to change the border of an element to Yxy 61.3013, 0.3774, 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, 190, 178) }
```

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

```
.border{ border-color:rgb(255, 190, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 190, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 178);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 61.3013, 0.3774, 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, 190, 178) }
```

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

```
.background{ background-color: rgb(255,  
190, 178) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor