

Converting Colors

$Yxy(61.7744, 0.3776, 0.3393)$

Have a look what the booklet for
Yxy(61.7744, 0.3776, 0.3393)
contains.

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Color

Yxy(61.3822, 0.3757, 0.3396)

Conversions

Conversions Part 1

Format	Color
Hex	FFBEB4
RGB	255, 190, 180
RGB Percent	100%, 75%, 71%
CMY	0.0000, 0.2550, 0.2940
CMYK	0.00, 0.25, 0.29, 0.00
HSL	8°, 100%, 85%
HSV	8°, 29%, 100%
XYZ	67.9072, 61.3822, 51.4591
YIQ	208.2950, 41.9500, 10.6700

Conversions

Conversions Part 2

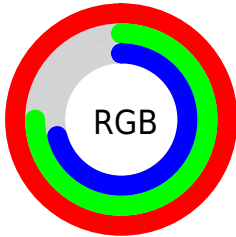
Format	Color
R _Y B	255, 192, 180
Decimal	16760500
CIE Lab	82.58, 22.06, 14.19
CIE LCh	83, 26.225, 32.745
Yxy	61.3822, 0.3757, 0.3396
Android (android.graphics.Color)	4294950580 (0xFFFFBEB4)
YUV	208.2950, -13.9494, 40.9603
Hunter-Lab	78.3468, 17.6083, 15.9004

Details

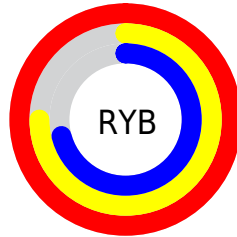
The Yxy color **61.3822, 0.3757, 0.3396** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.2538, 0.2689, 0.3181**, and the grayscale version is **63.3432, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8377, 0.3245, 0.3397**, and **31.0109, 0.3925, 0.3413** is the 20% darker color. If you saturate the color by 10%, you get **51.5678, 0.4068, 0.3433**, and if you desaturate by 10%, it is **72.8271, 0.3499, 0.3358**.

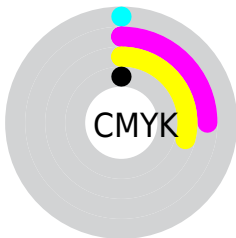
Distribution



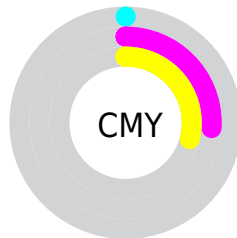
- Red (100%)
- Green (75%)
- Blue (71%)



- Red (100%)
- Yellow (75%)
- Blue (71%)



- Cyan (0%)
- Magenta (25%)
- Yellow (29%)
- Black (0%)




- Cyan (0%)
- Magenta (26%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.3822, 0.3757, 0.3396 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 61.3822, 0.3757, 0.3396 by changing the saturation by 10% instead.

 61.3822, 0.3757,
0.3396

 61.3822, 0.3757,
0.3396

429.6740, 0.3453,
0.3353

 44.5337, 0.3829,
0.3404


 106.8321, 0.3649,
0.3382

 31.0903, 0.3920,
0.3413


136.2024, 0.3608,
0.3377

 20.6676, 0.4037,
0.3423


170.5153, 0.3573,
0.3372

 12.8813, 0.4194,
0.3432

210.1553, 0.3543,
0.3367

 7.3468, 0.4414,
0.3439

255.5067, 0.3516,
0.3363

 3.6799, 0.4744,
0.3435

306.9541, 0.3493,

 1.4962, 0.5356,

0.3359

0.3438

364.8817, 0.3472,
0.3356

0.2860, 0.7391,
0.2609

0.0000, 0.0000,
0.0000

61.3822, 0.3757,
0.3396

61.3822, 0.3757,
0.3396

51.5678, 0.4068,
0.3433

72.8271, 0.3499,
0.3358

43.3287, 0.4436,
0.3467

85.9939, 0.3289,
0.3322

36.5764, 0.4855,
0.3490

100.0000, 0.3127,
0.3290

31.2217, 0.5300,
0.3497

■ 27.1656, 0.5726,
0.3480

■ 24.2962, 0.6072,
0.3438

■ 22.4770, 0.6293,
0.3380

■ 22.3971, 0.6304,
0.3377

Harmonies

Analogous

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



61.3822, 0.3552, 0.3123



61.3822, 0.3757, 0.3396



61.3822, 0.3781, 0.3659

Triad

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



61.3822, 0.3757, 0.3396



61.3822, 0.2998, 0.3736



61.3822, 0.2640, 0.2753

Complementary

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



61.3822, 0.3757, 0.3396



82.2538, 0.2689, 0.3181

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.



61.3822, 0.2511, 0.2879



61.3822, 0.3757, 0.3396



61.3822, 0.2709, 0.3450

Square

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



61.3822, 0.3757, 0.3396



61.3822, 0.3332, 0.3882



61.3822, 0.2535, 0.3130



61.3822, 0.2898, 0.2763

Rectangle

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



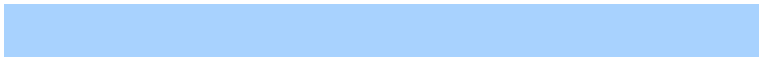
61.3822, 0.3757, 0.3396



61.3822, 0.3693, 0.3796



61.3822, 0.2535, 0.3130



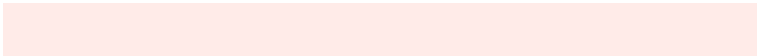
61.3822, 0.2581, 0.2780

Sweetspot

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



61.3753, 0.3757, 0.3396



86.5625, 0.3282, 0.3320



60.5802, 0.3228, 0.2634



18.0923, 0.3309, 0.3326



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.



61.3753, 0.3757, 0.3396



55.6888, 0.3924, 0.3417



79.0892, 0.3650, 0.3762



18.3759, 0.3291, 0.3322



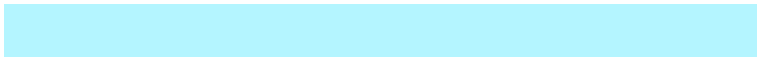
11.8217, 0.6285, 0.3392



1.2655, 0.6110, 0.3531

Inverse Universe

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



82.2538, 0.2689, 0.3181



79.4865, 0.2614, 0.3157



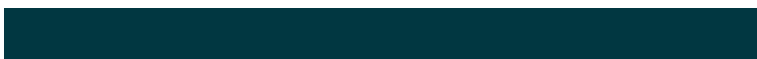
62.4103, 0.2643, 0.2767



20.0454, 0.2980, 0.3258



30.9873, 0.2129, 0.2863



3.1264, 0.2144, 0.2916

Previews

White Background



This preview shows how the Yxy color 61.3822, 0.3757, 0.3396 looks on a white background.

Color Contrast Check

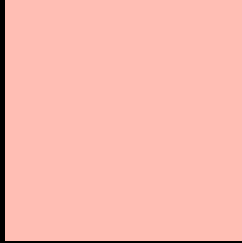
Large Text (above 18pt) WCAG AA × Fail

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 61.3822, 0.3757, 0.3396 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 61.3822, 0.3757, 0.3396

Background



This preview shows how black text looks on a background with the Yxy color 61.3822, 0.3757, 0.3396.



This preview shows how white text looks on a background with the Yxy color 61.3822, 0.3757, 0.3396.

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

61.3822, 0.3757, 0.3396

Protanopia

61.5896, 0.3320, 0.3487

Deuteranopia

61.4354, 0.3591, 0.3512



Tritanopia

61.4435, 0.3584, 0.3157

Trichromacy



Original Color

61.3822, 0.3757, 0.3396

Protanomaly

61.4693, 0.3473, 0.3459

Deuteranomaly

61.3396, 0.3650, 0.3465

Tritanomaly

61.5054, 0.3649, 0.3250

Monochromacy



Original Color

61.3822, 0.3757, 0.3396

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

61.8581, 0.3339, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.3822, 0.3757, 0.3396 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, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 180)  
}
```

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, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 180) }
```

Border

The CSS property to change the border of an element to Yxy 61.3822, 0.3757, 0.3396 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, 180) }
```

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

```
.border{ border-color:rgb(255, 190, 180) }
```

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, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 61.3822, 0.3757, 0.3396 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, 180) }
```

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

```
.background{ background-color: rgb(255,  
190, 180) }
```

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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