

Converting Colors

$Y_{xy}(60.6609, 0.3925, 0.3607)$

Have a look what the booklet for
Yxy(60.6609, 0.3925, 0.3607)
contains.

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Color

Yxy(60.6250, 0.3926, 0.3606)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | FFBEA0 |
| RGB | 255, 190, 160 |
| RGB Percent | 100%, 75%, 63% |
| CMY | 0.0000, 0.2549, 0.3724 |
| CMYK | 0.00, 0.25, 0.37, 0.00 |
| HSL | 19°, 100%, 81% |
| HSV | 19°, 37%, 100% |
| XYZ | 66.0049, 60.6250, 41.4927 |
| YIQ | 206.0150, 48.3700, 4.4500 |

Conversions

Conversions Part 2

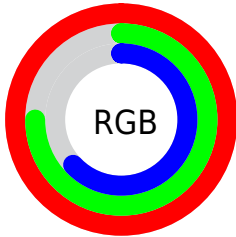
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 204, 160 |
| Decimal | 16760480 |
| CIE Lab | 82.18, 19.60, 24.27 |
| CIE LCh | 82, 31.196, 51.078 |
| Yxy | 60.6250, 0.3926, 0.3606 |
| Android (android.graphics.Color) | 4294950560 (0xFFFFBEA0) |
| YUV | 206.0150, -22.6854, 42.9598 |
| Hunter-Lab | 77.8621, 15.0587, 22.9078 |

Details

The Yxy color **60.6250, 0.3926, 0.3606** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **68.5633, 0.2556, 0.2946**, and the grayscale version is **61.8564, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.0778, 0.3377, 0.3596**, and **30.4268, 0.4132, 0.3668** is the 20% darker color. If you saturate the color by 10%, you get **52.7086, 0.4230, 0.3689**, and if you desaturate by 10%, it is **69.6294, 0.3662, 0.3518**.

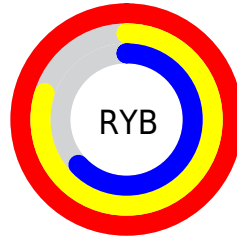
Distribution



Red (100%)

Green (75%)

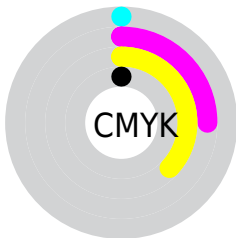
Blue (63%)



Red (100%)

Yellow (80%)

Blue (63%)

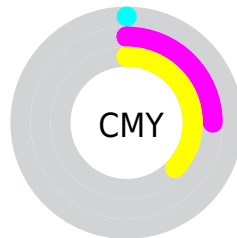


Cyan (0%)

Magenta (25%)

Yellow (37%)

Black (0%)



Cyan (0%)


Magenta (25%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.6250, 0.3926, 0.3606 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 60.6250, 0.3926, 0.3606 by changing the saturation by 10% instead.


 60.6250, 0.3926,
0.3606


 60.6250, 0.3926,
0.3606


426.8977, 0.3541,
0.3468

 43.9226, 0.4017,
0.3635


 105.7358, 0.3790,
0.3560

 30.6097, 0.4131,
0.3668


 134.9129, 0.3738,
0.3542

 20.3018, 0.4276,
0.3707

169.0172, 0.3693,
0.3526

 12.6146, 0.4469,
0.3752

208.4328, 0.3654,
0.3512

 7.1637, 0.4733,
0.3800

253.5443, 0.3621,
0.3499

 3.5647, 0.5112,
0.3837

304.7360, 0.3591,

 1.4332, 0.5982,

0.3488

0.4018

362.3923, 0.3565,
0.3477

0.2410, 0.7459,
0.2541

0.0000, 0.0000,
0.0000

60.6250, 0.3926,
0.3606

60.6250, 0.3926,
0.3606

52.7086, 0.4230,
0.3689

69.6294, 0.3662,
0.3518

45.8377, 0.4570,
0.3758

79.7629, 0.3437,
0.3431

39.9659, 0.4934,
0.3803

91.0638, 0.3246,
0.3347

35.0432, 0.5299,
0.3810

100.0000, 0.3127,
0.3290

■ 31.0143, 0.5630,
0.3769

■ 27.8163, 0.5894,
0.3680

■ 27.0661, 0.5957,
0.3652

Harmonies

Analogous

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



60.6250, 0.3809, 0.3282



60.6250, 0.3926, 0.3606



60.6250, 0.3813, 0.3877

Triad

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



60.6250, 0.3926, 0.3606



60.6250, 0.2749, 0.3629



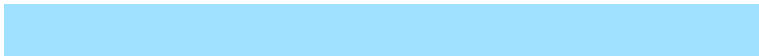
60.6250, 0.2719, 0.2645

Complementary

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



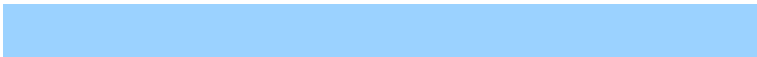
60.6250, 0.3926, 0.3606



68.5633, 0.2556, 0.2946

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.



60.6250, 0.2471, 0.2691



60.6250, 0.3926, 0.3606



60.6250, 0.2486, 0.3239

Square

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



60.6250, 0.3926, 0.3606



60.6250, 0.3123, 0.3923



60.6250, 0.2388, 0.2897



60.6250, 0.3090, 0.2750

Rectangle

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



60.6250, 0.3926, 0.3606



60.6250, 0.3629, 0.3985



60.6250, 0.2388, 0.2897



60.6250, 0.2620, 0.2642

Sweetspot

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



60.6248, 0.3926, 0.3606



86.6800, 0.3314, 0.3378



51.9302, 0.3409, 0.2618



18.2232, 0.3339, 0.3389



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.



60.6248, 0.3926, 0.3606



54.3925, 0.4158, 0.3671



83.7931, 0.3753, 0.4053



18.9224, 0.3286, 0.3366



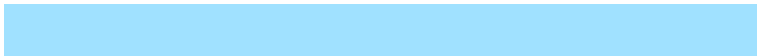
14.3774, 0.5927, 0.3676



1.5861, 0.5707, 0.3851

Inverse Universe

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



68.5633, 0.2556, 0.2946



63.3704, 0.2446, 0.2860



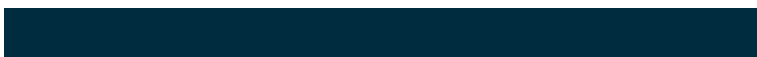
46.9455, 0.2474, 0.2386



19.4577, 0.2980, 0.3213



19.9780, 0.1951, 0.2223



2.1415, 0.1989, 0.2359

Previews

White Background



This preview shows how the Yxy color 60.6250, 0.3926, 0.3606 looks on a white background.

Color Contrast Check

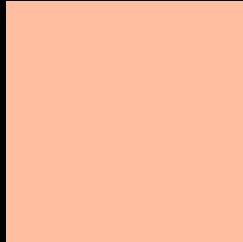
Large Text (above 18pt) WCAG AA × Fail

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 60.6250, 0.3926, 0.3606 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 60.6250, 0.3926, 0.3606

Background



This preview shows how black text looks on a background with the Yxy color 60.6250, 0.3926, 0.3606.



This preview shows how white text looks on a background with the Yxy color 60.6250, 0.3926, 0.3606.

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

60.6250, 0.3926, 0.3606

Protanopia

60.7275, 0.3504, 0.3722

Deuteranopia

60.5083, 0.3784, 0.3697



Tritanopia

60.5013, 0.3605, 0.3156

Trichromacy



Original Color

60.6250, 0.3926, 0.3606

Protanomaly

60.5161, 0.3658, 0.3685

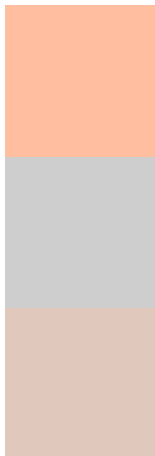
Deuteranomaly

60.4993, 0.3834, 0.3670

Tritanomaly

60.3034, 0.3723, 0.3313

Monochromacy



Original Color

60.6250, 0.3926, 0.3606

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

60.8300, 0.3401, 0.3415

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6250, 0.3926, 0.3606 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, 160)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 160)  
}
```

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, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 160) }
```

Border

The CSS property to change the border of an element to Yxy 60.6250, 0.3926, 0.3606 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, 160) }
```

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

```
.border{ border-color:rgb(255, 190, 160) }
```

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, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 160);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6250, 0.3926, 0.3606 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, 160) }
```

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

```
.background{ background-color: rgb(255,  
190, 160) }
```

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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