

Converting Colors

$Yxy(60.5934, 0.4001, 0.3710)$

Have a look what the booklet for
Yxy(60.5934, 0.4001, 0.3710)
contains.

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Color

Yxy(60.7560, 0.3997, 0.3710)

Conversions

Conversions Part 1

Format	Color
Hex	FFBF97
RGB	255, 191, 151
RGB Percent	100%, 75%, 59%
CMY	0.0000, 0.2510, 0.4079
CMYK	0.00, 0.25, 0.41, 0.00
HSL	23°, 100%, 80%
HSV	23°, 41%, 100%
XYZ	65.4560, 60.7560, 37.5508
YIQ	205.5760, 50.9840, 1.1280

Conversions

Conversions Part 2

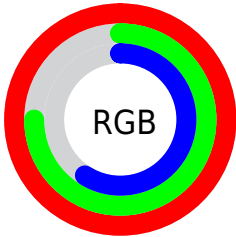
Format	Color
R _Y B	255, 216, 151
Decimal	16760727
CIE Lab	82.25, 18.06, 29.14
CIE LCh	82, 34.283, 58.204
Yxy	60.7560, 0.3997, 0.3710
Android (android.graphics.Color)	4294950807 (0xFFFFBF97)
YUV	205.5760, -26.9060, 43.3448
Hunter-Lab	77.9461, 13.4913, 25.9991

Details

The Yxy color **60.7560, 0.3997, 0.3710** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **62.3908, 0.2491, 0.2820**, and the grayscale version is **61.5884, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.1893, 0.3438, 0.3706**, and **30.5472, 0.4214, 0.3784** is the 20% darker color. If you saturate the color by 10%, you get **53.5373, 0.4293, 0.3807**, and if you desaturate by 10%, it is **68.8928, 0.3734, 0.3605**.

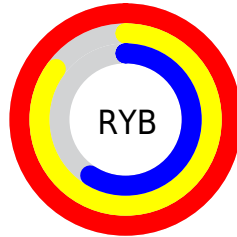
Distribution



Red (100%)

Green (75%)

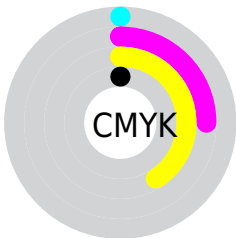
Blue (59%)



Red (100%)

Yellow (85%)

Blue (59%)

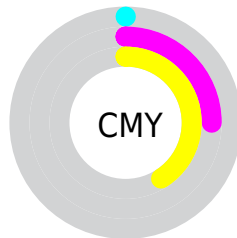


Cyan (0%)

Magenta (25%)

Yellow (41%)

Black (0%)



Cyan (0%)


Magenta (25%)

Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.7560, 0.3997, 0.3710 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 60.7560, 0.3997, 0.3710 by changing the saturation by 10% instead.

 60.7560, 0.3997,
0.3710

 60.7560, 0.3997,
0.3710


427.3788, 0.3580,
0.3525

 44.0283, 0.4095,
0.3748

 105.9256, 0.3850,
0.3649

 30.6927, 0.4216,
0.3793


 135.1362, 0.3793,
0.3624

 20.3650, 0.4371,
0.3846

169.2766, 0.3745,
0.3602

 12.6606, 0.4573,
0.3906

208.7311, 0.3703,
0.3583

 7.1953, 0.4844,
0.3970

253.8842, 0.3666,
0.3566

 3.5845, 0.5239,
0.4035

305.1203, 0.3634,


 1.4440, 0.5901,

0.3551


0.4099


362.8237, 0.3605,
0.3538


 0.2488, 0.7314,
0.2686


 0.0000, 0.0000,
0.0000


 60.7560, 0.3997,
0.3710


 60.7560, 0.3997,
0.3710


 53.5373, 0.4293,
0.3807

 68.8928, 0.3734,
0.3605


 47.1932, 0.4615,
0.3886

 77.9715, 0.3505,
0.3498

 41.6894, 0.4949,
0.3933

 88.0258, 0.3308,
0.3395

 36.9856, 0.5273,
0.3936

 99.0850, 0.3139,
0.3297

■ 33.0366, 0.5559,
0.3886

99.9999, 0.3127,
0.3290

■ 30.0157, 0.5773,
0.3798

Harmonies

Analogous

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



60.7560, 0.3930, 0.3362



60.7560, 0.3997, 0.3710



60.7560, 0.3815, 0.3983

Triad

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



60.7560, 0.3997, 0.3710



60.7560, 0.2630, 0.3564



60.7560, 0.2766, 0.2601

Complementary

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



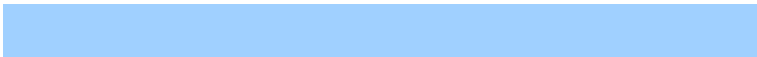
60.7560, 0.3997, 0.3710



62.3908, 0.2491, 0.2820

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.



60.7560, 0.2459, 0.2607



60.7560, 0.3997, 0.3710



60.7560, 0.2384, 0.3132

Square

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



60.7560, 0.3997, 0.3710



60.7560, 0.3017, 0.3931



60.7560, 0.2325, 0.2788



60.7560, 0.3192, 0.2750

Rectangle

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



60.7560, 0.3997, 0.3710



60.7560, 0.3587, 0.4075



60.7560, 0.2325, 0.2788



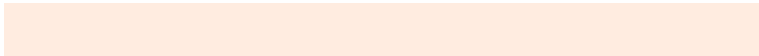
60.7560, 0.2647, 0.2584

Sweetspot

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



60.7589, 0.3997, 0.3710



86.7542, 0.3330, 0.3407



48.3033, 0.3526, 0.2637



18.2792, 0.3355, 0.3420



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.



60.7589, 0.3997, 0.3710



54.7630, 0.4238, 0.3791



87.5146, 0.3784, 0.4200



19.1328, 0.3285, 0.3382



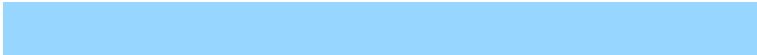
15.9507, 0.5743, 0.3822



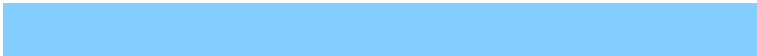
1.7568, 0.5532, 0.3990

Inverse Universe

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



62.3908, 0.2491, 0.2820



56.5598, 0.2371, 0.2706



40.0374, 0.2388, 0.2176



19.2388, 0.2979, 0.3196



16.6514, 0.1882, 0.1974



1.8330, 0.1928, 0.2140

Previews

White Background



This preview shows how the Yxy color 60.7560, 0.3997, 0.3710 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 60.7560, 0.3997, 0.3710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

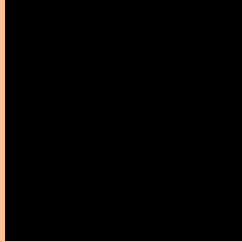
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.7560, 0.3997, 0.3710

Background



This preview shows how black text looks on a background with the Yxy color 60.7560, 0.3997, 0.3710.



This preview shows how white text looks on a background with the Yxy color 60.7560, 0.3997, 0.3710.

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

60.7560, 0.3997, 0.3710

Protanopia

61.1570, 0.3594, 0.3847

Deuteranopia

60.7366, 0.3882, 0.3790



Tritanopia

60.9242, 0.3603, 0.3167

Trichromacy



Original Color

60.7560, 0.3997, 0.3710

Protanomaly

60.8309, 0.3734, 0.3795

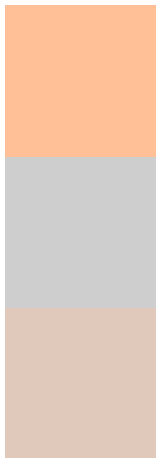
Deuteranomaly

60.5597, 0.3924, 0.3763

Tritanomaly

60.6038, 0.3746, 0.3355

Monochromacy



Original Color

60.7560, 0.3997, 0.3710

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.1658, 0.3423, 0.3461

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.7560, 0.3997, 0.3710 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, 191, 151)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 151)  
}
```

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, 191, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 151) }
```

Border

The CSS property to change the border of an element to Yxy 60.7560, 0.3997, 0.3710 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, 191, 151) }
```

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

```
.border{ border-color:rgb(255, 191, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 191, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 191, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 191, 151);  
box-shadow:4px 4px 4px 4px rgb(255, 191,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 60.7560, 0.3997, 0.3710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 191, 151) }
```

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

```
.background{ background-color: rgb(255,  
191, 151) }
```

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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