

Converting Colors

$Yxy(60.6894, 0.4022, 0.3742)$

Have a look what the booklet for
Yxy(60.6894, 0.4022, 0.3742)
contains.

Yxy(60.6597, 0.4022, 0.3741)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.6597, 0.4022, 0.3741)

Conversions

Conversions Part 1

Format	Color
Hex	FFBF94
RGB	255, 191, 148
RGB Percent	100%, 75%, 58%
CMY	0.0000, 0.2510, 0.4197
CMYK	0.00, 0.25, 0.42, 0.00
HSL	24°, 100%, 79%
HSV	24°, 42%, 100%
XYZ	65.2161, 60.6597, 36.2726
YIQ	205.2340, 51.9470, 0.1950

Conversions

Conversions Part 2

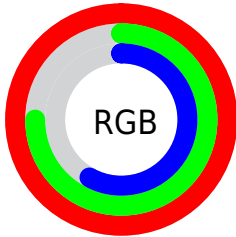
Format	Color
R _Y B	255, 220, 148
Decimal	16760724
CIE Lab	82.20, 17.75, 30.66
CIE LCh	82, 35.424, 59.934
Yxy	60.6597, 0.4022, 0.3741
Android (android.graphics.Color)	4294950804 (0xFFFFBF94)
YUV	205.2340, -28.2164, 43.6448
Hunter-Lab	77.8843, 13.1685, 26.9063

Details

The Yxy color **60.6597, 0.4022, 0.3741** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **60.5788, 0.2469, 0.2781**, and the grayscale version is **61.3640, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.0458, 0.3457, 0.3736**, and **30.4902, 0.4246, 0.3822** is the 20% darker color. If you saturate the color by 10%, you get **53.6332, 0.4316, 0.3841**, and if you desaturate by 10%, it is **68.5589, 0.3759, 0.3632**.

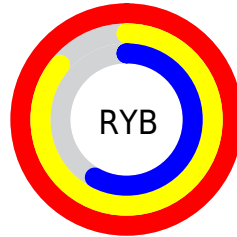
Distribution



Red (100%)

Green (75%)

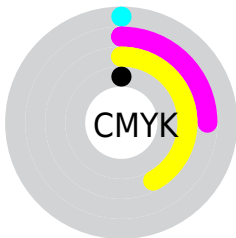
Blue (58%)



Red (100%)

Yellow (86%)

Blue (58%)

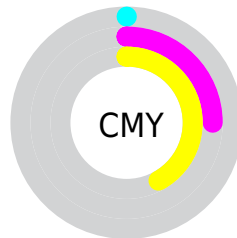


Cyan (0%)

Magenta (25%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (25%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.6597, 0.4022, 0.3741 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 60.6597, 0.4022, 0.3741 by changing the saturation by 10% instead.


 60.6597, 0.4022,
0.3741


 60.6597, 0.4022,
0.3741


427.0252, 0.3593,
0.3543

 43.9506, 0.4122,
0.3782


 105.7861, 0.3871,
0.3675

 30.6317, 0.4246,
0.3830


 134.9721, 0.3813,
0.3649

 20.3185, 0.4404,
0.3886


169.0859, 0.3763,
0.3625

 12.6268, 0.4609,
0.3950

208.5118, 0.3720,
0.3605

 7.1721, 0.4883,
0.4018

253.6344, 0.3682,
0.3587

 3.5699, 0.5293,
0.4096

304.8378, 0.3649,

 1.4360, 0.5886,

0.3571

0.4114

362.5066, 0.3620,
0.3556

0.2431, 0.7321,
0.2679

0.0000, 0.0000,
0.0000

60.6597, 0.4022,
0.3741

60.6597, 0.4022,
0.3741

53.6332, 0.4316,
0.3841

68.5589, 0.3759,
0.3632

47.4425, 0.4633,
0.3921

77.3578, 0.3528,
0.3520

42.0537, 0.4958,
0.3967

87.0868, 0.3329,
0.3412

37.4281, 0.5271,
0.3968

97.7739, 0.3158,
0.3309

■ 33.5226, 0.5543,
0.3914

100.0000, 0.3127,
0.3290

■ 30.8694, 0.5724,
0.3837

Harmonies

Analogous

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



60.6597, 0.3969, 0.3384



60.6597, 0.4022, 0.3741



60.6597, 0.3820, 0.4017

Triad

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



60.6597, 0.4022, 0.3741



60.6597, 0.2594, 0.3547



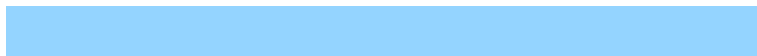
60.6597, 0.2777, 0.2584

Complementary

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



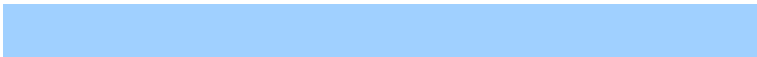
60.6597, 0.4022, 0.3741



60.5788, 0.2469, 0.2781

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.



60.6597, 0.2452, 0.2580



60.6597, 0.4022, 0.3741



60.6597, 0.2351, 0.3101

Square

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



60.6597, 0.4022, 0.3741



60.6597, 0.2987, 0.3938



60.6597, 0.2303, 0.2755



60.6597, 0.3220, 0.2747

Rectangle

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



60.6597, 0.4022, 0.3741



60.6597, 0.3577, 0.4105



60.6597, 0.2303, 0.2755



60.6597, 0.2652, 0.2564

Sweetspot

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



60.6610, 0.4022, 0.3741



86.0459, 0.3348, 0.3423



47.1914, 0.3559, 0.2635



17.9449, 0.3390, 0.3446



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.



60.6610, 0.4022, 0.3741



54.9536, 0.4255, 0.3822



88.2769, 0.3796, 0.4241



19.1860, 0.3284, 0.3386



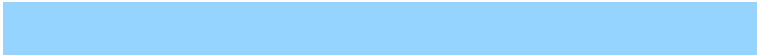
16.4034, 0.5694, 0.3860



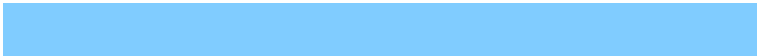
1.8044, 0.5487, 0.4025

Inverse Universe

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



60.5788, 0.2469, 0.2781



54.8278, 0.2351, 0.2663



38.1947, 0.2360, 0.2116



19.1841, 0.2979, 0.3192



15.8851, 0.1865, 0.1913



1.7609, 0.1913, 0.2085

Previews

White Background



This preview shows how the Yxy color 60.6597, 0.4022, 0.3741 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 60.6597, 0.4022, 0.3741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

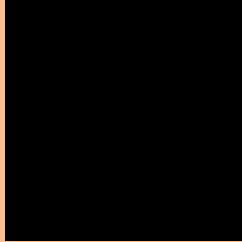
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.6597, 0.4022, 0.3741

Background



This preview shows how black text looks on a background with the Yxy color 60.6597, 0.4022, 0.3741.



This preview shows how white text looks on a background with the Yxy color 60.6597, 0.4022, 0.3741.

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

60.6597, 0.4022, 0.3741

Protanopia

61.0558, 0.3616, 0.3882

Deuteranopia

60.6411, 0.3906, 0.3822



Tritanopia

60.5013, 0.3605, 0.3156

Trichromacy



Original Color

60.6597, 0.4022, 0.3741

Protanomaly

60.7314, 0.3757, 0.3829

Deuteranomaly

60.4643, 0.3949, 0.3795

Tritanomaly

60.5217, 0.3763, 0.3376

Monochromacy



Original Color

60.6597, 0.4022, 0.3741

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.4572, 0.3432, 0.3473

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6597, 0.4022, 0.3741 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, 148)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 148)  
}
```

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, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 148) }
```

Border

The CSS property to change the border of an element to Yxy 60.6597, 0.4022, 0.3741 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, 148) }
```

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

```
.border{ border-color:rgb(255, 191, 148) }
```

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, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 191, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 191, 148);  
box-shadow:4px 4px 4px 4px rgb(255, 191,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6597, 0.4022, 0.3741 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, 148) }
```

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

```
.background{ background-color: rgb(255,  
191, 148) }
```

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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