

Converting Colors

Yxy(57.2996, 0.4050, 0.3649)

Have a look what the booklet for
Yxy(57.2996, 0.4050, 0.3649)
contains.

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Color

Yxy(57.2969, 0.4050, 0.3649)

Conversions

Conversions Part 1

Format	Color
Hex	FFB795
RGB	255, 183, 149
RGB Percent	100%, 72%, 58%
CMY	0.0000, 0.2823, 0.4158
CMYK	0.00, 0.28, 0.42, 0.00
HSL	19°, 100%, 79%
HSV	19°, 42%, 100%
XYZ	63.5934, 57.2969, 36.1305
YIQ	200.6520, 53.8260, 4.6900

Conversions

Conversions Part 2

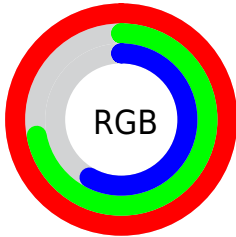
Format	Color
R _Y B	255, 199, 149
Decimal	16758677
CIE Lab	80.35, 22.03, 27.65
CIE LCh	80, 35.354, 51.456
Yxy	57.2969, 0.4050, 0.3649
Android (android.graphics.Color)	4294948757 (0xFFFFB795)
YUV	200.6520, -25.4644, 47.6632
Hunter-Lab	75.6947, 17.4975, 24.6861

Details

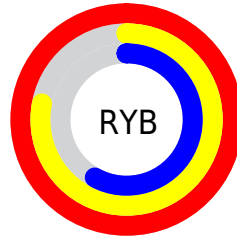
The Yxy color **57.2969, 0.4050, 0.3649** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **65.2927, 0.2492, 0.2892**, and the grayscale version is **58.3179, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.3048, 0.3466, 0.3650**, and **28.5829, 0.4287, 0.3718** is the 20% darker color. If you saturate the color by 10%, you get **49.8641, 0.4369, 0.3729**, and if you desaturate by 10%, it is **65.7919, 0.3770, 0.3561**.

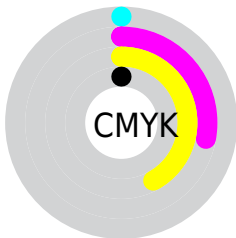
Distribution



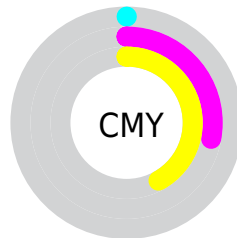
- Red (100%)
- Green (72%)
- Blue (58%)



- Red (100%)
- Yellow (78%)
- Blue (58%)



- Cyan (0%)
- Magenta (28%)
- Yellow (42%)
- Black (0%)





- Cyan (0%)
- Magenta (28%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.2969, 0.4050, 0.3649 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 57.2969, 0.4050, 0.3649 by changing the saturation by 10% instead.


 57.2969, 0.4050,
0.3649


 57.2969, 0.4050,
0.3649


414.5609, 0.3602,
0.3494

 41.2437, 0.4156,
0.3680


 100.8983, 0.3891,
0.3598

 28.5095, 0.4290,
0.3716


 129.2152, 0.3830,
0.3578

 18.7101, 0.4461,
0.3756


162.3888, 0.3778,
0.3559

 11.4610, 0.4686,
0.3800


200.8035, 0.3733,
0.3543

 6.3778, 0.4993,
0.3838

244.8436, 0.3694,
0.3529

 3.0761, 0.5468,
0.3877

294.8937, 0.3660,

 1.1716, 0.6180,

0.3516

0.3820

351.3380, 0.3629,
0.3504

0.0383, 0.9374,
0.0626

0.0000, 0.0000,
0.0000

57.2969, 0.4050,
0.3649

57.2969, 0.4050,
0.3649

49.8641, 0.4369,
0.3729

65.7919, 0.3770,
0.3561

43.4418, 0.4719,
0.3790

75.3815, 0.3529,
0.3471

37.9858, 0.5085,
0.3821

86.1072, 0.3325,
0.3384

33.4451, 0.5437,
0.3809

98.0056, 0.3152,
0.3302

■ 29.7629, 0.5740,
0.3747

99.9978, 0.3127,
0.3290

■ 27.2730, 0.5943,
0.3663

Harmonies

Analogous

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



57.2969, 0.3919, 0.3280



57.2969, 0.4050, 0.3649



57.2969, 0.3912, 0.3964

Triad

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



57.2969, 0.4050, 0.3649



57.2969, 0.2685, 0.3678



57.2969, 0.2662, 0.2555

Complementary

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



57.2969, 0.4050, 0.3649



65.2927, 0.2492, 0.2892

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.



57.2969, 0.2379, 0.2600



57.2969, 0.4050, 0.3649



57.2969, 0.2389, 0.3220

Square

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



57.2969, 0.4050, 0.3649



57.2969, 0.3112, 0.4027



57.2969, 0.2283, 0.2829



57.2969, 0.3087, 0.2677

Rectangle

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



57.2969, 0.4050, 0.3649



57.2969, 0.3697, 0.4094



57.2969, 0.2283, 0.2829



57.2969, 0.2549, 0.2550

Sweetspot

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



57.2997, 0.4050, 0.3649



85.6374, 0.3333, 0.3388



47.9876, 0.3469, 0.2558



18.0173, 0.3358, 0.3399



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.



57.2997, 0.4050, 0.3649



50.9726, 0.4316, 0.3717



83.1604, 0.3824, 0.4155



18.9391, 0.3286, 0.3367



14.4899, 0.5913, 0.3687



1.5986, 0.5693, 0.3862

Inverse Universe

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



65.2927, 0.2492, 0.2892



59.8952, 0.2377, 0.2795



41.7638, 0.2386, 0.2238



19.4402, 0.2980, 0.3212



19.6962, 0.1945, 0.2203



2.1156, 0.1984, 0.2342

Previews

White Background



This preview shows how the Yxy color 57.2969, 0.4050, 0.3649 looks on a white background.

Color Contrast Check

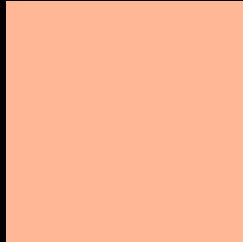
Large Text (above 18pt) WCAG AA × Fail

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 57.2969, 0.4050, 0.3649 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 57.2969, 0.4050, 0.3649

Background



This preview shows how black text looks on a background with the Yxy color 57.2969, 0.4050, 0.3649.



This preview shows how white text looks on a background with the Yxy color 57.2969, 0.4050, 0.3649.

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

57.2969, 0.4050, 0.3649

Protanopia

57.3933, 0.3568, 0.3802

Deuteranopia

57.2011, 0.3867, 0.3782



Tritanopia

57.2618, 0.3692, 0.3166

Trichromacy



Original Color

57.2969, 0.4050, 0.3649

Protanomaly

56.9338, 0.3741, 0.3749

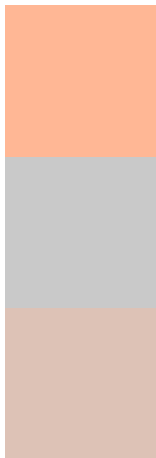
Deuteranomaly

57.1592, 0.3932, 0.3728

Tritanomaly

57.0371, 0.3823, 0.3334

Monochromacy



Original Color

57.2969, 0.4050, 0.3649

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.3331, 0.3443, 0.3430

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.2969, 0.4050, 0.3649 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, 183, 149)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 149)  
}
```

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, 183, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 149) }
```

Border

The CSS property to change the border of an element to Yxy 57.2969, 0.4050, 0.3649 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, 183, 149) }
```

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

```
.border{ border-color:rgb(255, 183, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 183, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 183, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 183, 149);  
box-shadow:4px 4px 4px 4px rgb(255, 183,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 57.2969, 0.4050, 0.3649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 183, 149) }
```

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

```
.background{ background-color: rgb(255,  
183, 149) }
```

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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