

Converting Colors

Yxy(58.8631, 0.4088, 0.3763)

Have a look what the booklet for
Yxy(58.8631, 0.4088, 0.3763)
contains.

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Color

Yxy(58.7536, 0.4090, 0.3761)

Conversions

Conversions Part 1

Format	Color
Hex	FFBB8E
RGB	255, 187, 142
RGB Percent	100%, 73%, 56%
CMY	0.0000, 0.2666, 0.4431
CMYK	0.00, 0.27, 0.44, 0.00
HSL	24°, 100%, 78%
HSV	24°, 44%, 100%
XYZ	63.8932, 58.7536, 33.5713
YIQ	202.2020, 54.9730, 0.4210

Conversions

Conversions Part 2

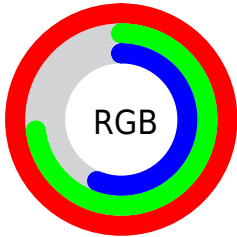
Format	Color
R _Y B	255, 217, 142
Decimal	16759694
CIE Lab	81.16, 19.23, 32.40
CIE LCh	81, 37.672, 59.313
Yxy	58.7536, 0.4090, 0.3761
Android (android.graphics.Color)	4294949774 (0xFFFFBB8E)
YUV	202.2020, -29.6796, 46.3038
Hunter-Lab	76.6509, 14.6515, 27.6880

Details

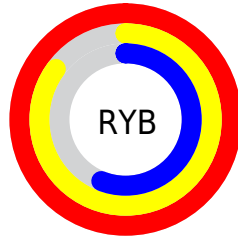
The Yxy color **58.7536, 0.4090, 0.3761** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **59.0707, 0.2435, 0.2753**, and the grayscale version is **59.3610, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.3467, 0.3503, 0.3759**, and **29.5413, 0.4333, 0.3858** is the 20% darker color. If you saturate the color by 10%, you get **51.9085, 0.4391, 0.3856**, and if you desaturate by 10%, it is **66.4754, 0.3818, 0.3654**.

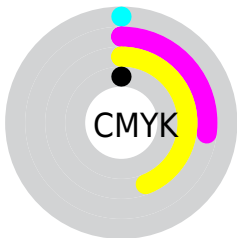
Distribution



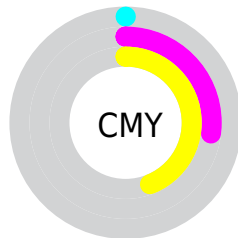
- Red (100%)
- Green (73%)
- Blue (56%)



- Red (100%)
- Yellow (85%)
- Blue (56%)



- Cyan (0%)
- Magenta (27%)
- Yellow (44%)
- Black (0%)




- Cyan (0%)
- Magenta (27%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.7536, 0.4090, 0.3761 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 58.7536, 0.4090, 0.3761 by changing the saturation by 10% instead.


 58.7536, 0.4090,
0.3761


 58.7536, 0.4090,
0.3761


419.9882, 0.3627,
0.3555

 42.4148, 0.4198,
0.3803


 103.0195, 0.3927,
0.3693

 29.4262, 0.4333,
0.3852


 131.7153, 0.3864,
0.3666

 19.4035, 0.4504,
0.3907


165.2990, 0.3810,
0.3642

 11.9622, 0.4725,
0.3968

204.1548, 0.3763,
0.3620

 6.7179, 0.5019,
0.4027

248.6673, 0.3723,
0.3601

 3.2863, 0.5513,
0.4128

299.2207, 0.3687,

 1.2830, 0.6000,

0.3584

0.4000

356.1996, 0.3655,
0.3569

0.1280, 0.8220,
0.1780

0.0000, 0.0000,
0.0000

58.7536, 0.4090,
0.3761

58.7536, 0.4090,
0.3761

51.9085, 0.4391,
0.3856

66.4754, 0.3818,
0.3654

45.8978, 0.4714,
0.3929

75.0971, 0.3580,
0.3544

40.6877, 0.5041,
0.3965

84.6515, 0.3373,
0.3435

36.2382, 0.5348,
0.3952

95.1672, 0.3195,
0.3332

■ 32.5043, 0.5609,
0.3885

99.9995, 0.3127,
0.3290

■ 30.6717, 0.5735,
0.3828

Harmonies

Analogous

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



58.7536, 0.4028, 0.3379



58.7536, 0.4090, 0.3761



58.7536, 0.3875, 0.4064

Triad

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



58.7536, 0.4090, 0.3761



58.7536, 0.2562, 0.3576



58.7536, 0.2742, 0.2535

Complementary

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



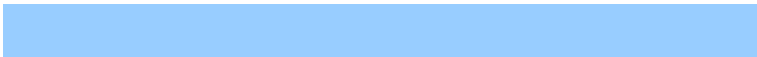
58.7536, 0.4090, 0.3761



59.0707, 0.2435, 0.2753

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.



58.7536, 0.2399, 0.2533



58.7536, 0.4090, 0.3761



58.7536, 0.2301, 0.3093

Square

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



58.7536, 0.4090, 0.3761



58.7536, 0.2984, 0.3997



58.7536, 0.2246, 0.2720



58.7536, 0.3215, 0.2705

Rectangle

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



58.7536, 0.4090, 0.3761



58.7536, 0.3617, 0.4166



58.7536, 0.2246, 0.2720



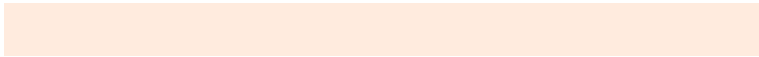
58.7536, 0.2609, 0.2514

Sweetspot

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



58.7564, 0.4090, 0.3761



85.9712, 0.3348, 0.3422



45.3491, 0.3573, 0.2582



17.9266, 0.3390, 0.3445



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.



58.7564, 0.4090, 0.3761



52.7555, 0.4351, 0.3845



86.6082, 0.3840, 0.4274



19.1739, 0.3284, 0.3385



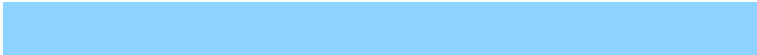
16.2990, 0.5706, 0.3852



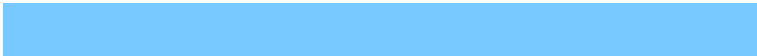
1.7935, 0.5497, 0.4017

Inverse Universe

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



59.0707, 0.2435, 0.2753



53.0616, 0.2310, 0.2625



36.4818, 0.2315, 0.2062



19.1965, 0.2979, 0.3193



16.0559, 0.1869, 0.1927



1.7770, 0.1916, 0.2098

Previews

White Background



This preview shows how the Yxy color 58.7536, 0.4090, 0.3761 looks on a white background.

Color Contrast Check

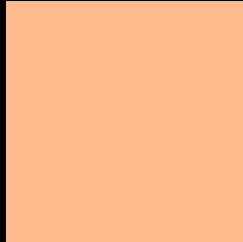
Large Text (above 18pt) WCAG AA × Fail

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 58.7536, 0.4090, 0.3761 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 58.7536, 0.4090, 0.3761

Background



This preview shows how black text looks on a background with the Yxy color 58.7536, 0.4090, 0.3761.



This preview shows how white text looks on a background with the Yxy color 58.7536, 0.4090, 0.3761.

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

58.7536, 0.4090, 0.3761

Protanopia

59.1309, 0.3654, 0.3923

Deuteranopia

58.7638, 0.3950, 0.3859



Tritanopia

58.6560, 0.3649, 0.3156

Trichromacy



Original Color

58.7536, 0.4090, 0.3761

Protanomaly

58.9968, 0.3807, 0.3865

Deuteranomaly

58.7775, 0.4002, 0.3828

Tritanomaly

58.6756, 0.3810, 0.3376

Monochromacy



Original Color

58.7536, 0.4090, 0.3761

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.5999, 0.3453, 0.3487

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.7536, 0.4090, 0.3761 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, 187, 142)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 142)  
}
```

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, 187, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 142) }
```

Border

The CSS property to change the border of an element to Yxy 58.7536, 0.4090, 0.3761 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, 187, 142) }
```

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

```
.border{ border-color:rgb(255, 187, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 187, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 187, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 187, 142); box-shadow:4px 4px 4px 4px rgb(255, 187, 142) }
```


Background

The CSS property to change the background color of an element to Yxy 58.7536, 0.4090, 0.3761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 187, 142) }
```

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

```
.background{ background-color: rgb(255,  
187, 142) }
```

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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