

Converting Colors

$Y_{xy}(59.5295, 0.4362, 0.3930)$

Have a look what the booklet for
Yxy(59.5295, 0.4362, 0.3930)
contains.

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Color

Yxy(57.3140, 0.4279, 0.3957)

Conversions

Conversions Part 1

Format	Color
Hex	FFB978
RGB	255, 185, 120
RGB Percent	100%, 73%, 47%
CMY	0.0000, 0.2745, 0.5296
CMYK	0.00, 0.27, 0.53, 0.00
HSL	29°, 100%, 74%
HSV	29°, 53%, 100%
XYZ	61.9779, 57.3140, 25.5501
YIQ	198.5200, 62.5850, -5.3750

Conversions

Conversions Part 2

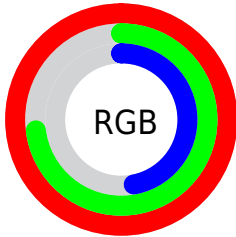
Format	Color
R_{YB}	255, 245, 120
Decimal	16759160
CIE _{Lab}	80.36, 18.25, 42.77
CIE _{LCh}	80, 46.503, 66.889
Yxy	57.3140, 0.4279, 0.3957
Android (android.graphics.Color)	4294949240 (0xFFFFB978)
YUV	198.5200, -38.7104, 49.5330
Hunter-Lab	75.7060, 13.6463, 32.9843

Details

The Yxy color **57.3140, 0.4279, 0.3957** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.0134, 0.2281, 0.2478**, and the grayscale version is **57.0157, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.1877, 0.3654, 0.3971**, and **28.5468, 0.4550, 0.4076** is the 20% darker color. If you saturate the color by 10%, you get **51.5021, 0.4564, 0.4053**, and if you desaturate by 10%, it is **63.8090, 0.4009, 0.3839**.

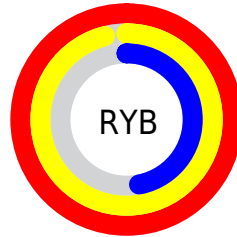
Distribution



Red (100%)

Green (73%)

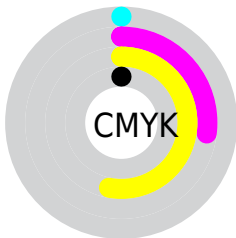
Blue (47%)



Red (100%)

Yellow (96%)

Blue (47%)

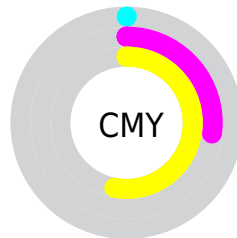


Cyan (0%)

Magenta (27%)

Yellow (53%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.3140, 0.4279, 0.3957 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 57.3140, 0.4279, 0.3957 by changing the saturation by 10% instead.


 57.3140, 0.4279,
0.3957


 57.3140, 0.4279,
0.3957


414.6249, 0.3730,
0.3668

 41.2574, 0.4404,
0.4014


 100.9232, 0.4088,
0.3863

 28.5203, 0.4557,
0.4077


 129.2446, 0.4013,
0.3825

 18.7182, 0.4745,
0.4147


 162.4230, 0.3949,
0.3791

 11.4668, 0.4979,
0.4215

200.8429, 0.3894,
0.3761

 6.3818, 0.5279,
0.4273

244.8887, 0.3845,
0.3734

 3.0786, 0.5695,
0.4305

294.9446, 0.3802,

 1.1729, 0.5978,

0.3710

0.4022

351.3952, 0.3764,
0.3688

0.0394, 0.9246,
0.0754

0.0000, 0.0000,
0.0000

57.3140, 0.4279,
0.3957

57.3140, 0.4279,
0.3957

51.5021, 0.4564,
0.4053

63.8090, 0.4009,
0.3839

46.3395, 0.4850,
0.4113

71.0061, 0.3761,
0.3710

41.7985, 0.5119,
0.4125

78.9311, 0.3539,
0.3577

37.8448, 0.5351,
0.4081

87.6065, 0.3344,
0.3448

35.3856, 0.5491,
0.4022

97.0535, 0.3173,
0.3325

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



57.3140, 0.4304, 0.3501



57.3140, 0.4279, 0.3957



57.3140, 0.3929, 0.4305

Triad

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



57.3140, 0.4279, 0.3957



57.3140, 0.2326, 0.3485



57.3140, 0.2783, 0.2409

Complementary

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



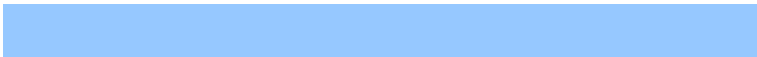
57.3140, 0.4279, 0.3957



48.0134, 0.2281, 0.2478

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.



57.3140, 0.2321, 0.2347



57.3140, 0.4279, 0.3957



57.3140, 0.2078, 0.2897

Square

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



57.3140, 0.4279, 0.3957



57.3140, 0.2796, 0.4075



57.3140, 0.2079, 0.2503



57.3140, 0.3388, 0.2657

Rectangle

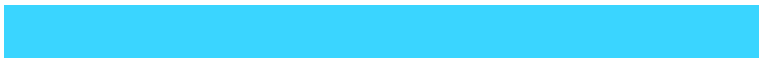
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.3140, 0.4279, 0.3957



57.3140, 0.3578, 0.4399



57.3140, 0.2079, 0.2503



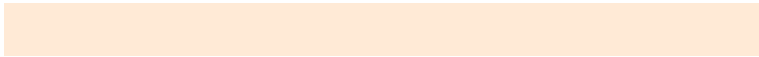
57.3140, 0.2608, 0.2366

Sweetspot

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



57.3161, 0.4279, 0.3957



84.8878, 0.3401, 0.3487



38.4867, 0.3826, 0.2562



17.7841, 0.3440, 0.3513



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.



57.3161, 0.4279, 0.3957



50.9349, 0.4594, 0.4061



91.2964, 0.3919, 0.4531



19.4310, 0.3282, 0.3405



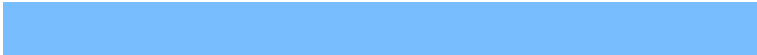
18.7853, 0.5464, 0.4043



2.0465, 0.5281, 0.4188

Inverse Universe

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



48.0134, 0.2281, 0.2478



40.6865, 0.2123, 0.2271



25.7395, 0.2110, 0.1643



18.9352, 0.2979, 0.3173



12.7194, 0.1788, 0.1635



1.4573, 0.1843, 0.1836

Previews

White Background



This preview shows how the Yxy color 57.3140, 0.4279, 0.3957 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 57.3140, 0.4279, 0.3957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

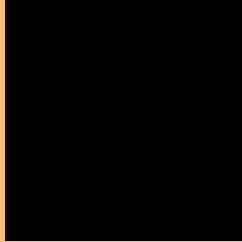
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.3140, 0.4279, 0.3957

Background



This preview shows how black text looks on a background with the Yxy color 57.3140, 0.4279, 0.3957.



This preview shows how white text looks on a background with the Yxy color 57.3140, 0.4279, 0.3957.

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

57.3140, 0.4279, 0.3957

Protanopia

57.7203, 0.3834, 0.4149

Deuteranopia

57.4708, 0.4140, 0.4061



Tritanopia

57.2618, 0.3692, 0.3166

Trichromacy



Original Color

57.3140, 0.4279, 0.3957

Protanomaly

57.4744, 0.3985, 0.4082

Deuteranomaly

57.5013, 0.4194, 0.4027

Tritanomaly

57.0244, 0.3918, 0.3461

Monochromacy



Original Color

57.3140, 0.4279, 0.3957

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.5459, 0.3522, 0.3572

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.3140, 0.4279, 0.3957 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, 185, 120)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 120)  
}
```

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, 185, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 120) }
```

Border

The CSS property to change the border of an element to Yxy 57.3140, 0.4279, 0.3957 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, 185, 120) }
```

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

```
.border{ border-color:rgb(255, 185, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 185, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 120);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 57.3140, 0.4279, 0.3957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 185, 120) }
```

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

```
.background{ background-color: rgb(255,  
185, 120) }
```

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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