

Converting Colors

$Yxy(54.4944, 0.4283, 0.3837)$

Have a look what the booklet for
Yxy(54.4944, 0.4283, 0.3837)
contains.

Yxy(54.5815, 0.4281, 0.3839)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(54.5815, 0.4281, 0.3839)

Conversions

Conversions Part 1

Format	Color
Hex	FFB27D
RGB	255, 178, 125
RGB Percent	100%, 70%, 49%
CMY	0.0000, 0.3020, 0.5098
CMYK	0.00, 0.30, 0.51, 0.00
HSL	24°, 100%, 75%
HSV	24°, 51%, 100%
XYZ	60.8657, 54.5815, 26.7292
YIQ	194.9810, 62.9050, -0.1590

Conversions

Conversions Part 2

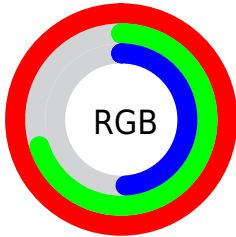
Format	Color
RYP	255, 214, 125
Decimal	16757373
CIE Lab	78.80, 22.35, 38.22
CIE LCh	79, 44.275, 59.679
Yxy	54.5815, 0.4281, 0.3839
Android (android.graphics.Color)	4294947453 (0xFFFFB27D)
YUV	194.9810, -34.5006, 52.6367
Hunter-Lab	73.8793, 17.7690, 30.2647

Details

The Yxy color **54.5815, 0.4281, 0.3839** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **53.8214, 0.2335, 0.2639**, and the grayscale version is **54.7421, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.3200, 0.3642, 0.3856**, and **26.7773, 0.4570, 0.3934** is the 20% darker color. If you saturate the color by 10%, you get **48.3282, 0.4594, 0.3923**, and if you desaturate by 10%, it is **61.6643, 0.3992, 0.3736**.

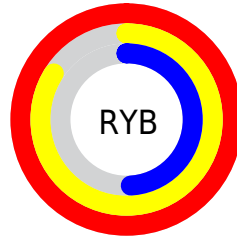
Distribution



Red (100%)

Green (70%)

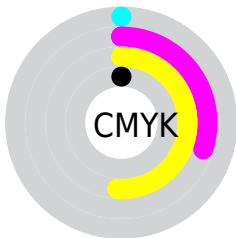
Blue (49%)



Red (100%)

Yellow (84%)

Blue (49%)

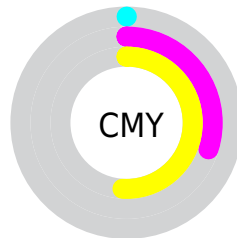


Cyan (0%)

Magenta (30%)

Yellow (51%)

Black (0%)



Cyan (0%)


Magenta (30%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.5815, 0.4281, 0.3839 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 54.5815, 0.4281, 0.3839 by changing the saturation by 10% instead.


 54.5815, 0.4281,
0.3839


 54.5815, 0.4281,
0.3839


404.3236, 0.3722,
0.3604


 39.0668, 0.4412,
0.3884


 96.9275, 0.4084,
0.3763

 26.8117, 0.4573,
0.3935


 124.5276, 0.4008,
0.3732

 17.4318, 0.4775,
0.3988


 156.9249, 0.3943,
0.3704

 10.5429, 0.5034,
0.4038

194.5038, 0.3887,
0.3680

 5.7603, 0.5369,
0.4067

237.6487, 0.3838,
0.3658

 2.6999, 0.5905,
0.4095

286.7441, 0.3794,

 0.9771, 0.6269,

0.3638

0.3731

342.1742, 0.3756,
0.3620

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.5815, 0.4281,
0.3839

54.5815, 0.4281,
0.3839

48.3282, 0.4594,
0.3923

61.6643, 0.3992,
0.3736

42.8693, 0.4917,
0.3974

69.6081, 0.3733,
0.3625

38.1676, 0.5229,
0.3981

78.4430, 0.3506,
0.3512

34.1812, 0.5504,
0.3934

88.1978, 0.3311,
0.3403

■ 31.1528, 0.5708,
0.3850

98.8994, 0.3142,
0.3300

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.



54.5815, 0.4218, 0.3388



54.5815, 0.4281, 0.3839



54.5815, 0.4011, 0.4212

Triad

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



54.5815, 0.4281, 0.3839



54.5815, 0.2443, 0.3626



54.5815, 0.2670, 0.2401

Complementary

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



54.5815, 0.4281, 0.3839



53.8214, 0.2335, 0.2639

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.



54.5815, 0.2268, 0.2390



54.5815, 0.4281, 0.3839



54.5815, 0.2144, 0.3035

Square

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



54.5815, 0.4281, 0.3839



54.5815, 0.2940, 0.4152



54.5815, 0.2086, 0.2599



54.5815, 0.3235, 0.2603

Rectangle

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



54.5815, 0.4281, 0.3839



54.5815, 0.3696, 0.4347



54.5815, 0.2086, 0.2599



54.5815, 0.2513, 0.2375

Sweetspot

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



54.5817, 0.4281, 0.3839



84.1640, 0.3386, 0.3446



40.2394, 0.3693, 0.2504



17.5748, 0.3427, 0.3469



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.



54.5817, 0.4281, 0.3839



48.3165, 0.4594, 0.3923



86.2450, 0.3934, 0.4424



19.2030, 0.3284, 0.3387



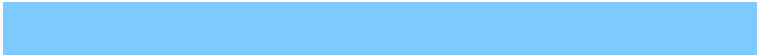
16.5535, 0.5679, 0.3873



1.8200, 0.5473, 0.4037

Inverse Universe

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



53.8214, 0.2335, 0.2639



47.4147, 0.2200, 0.2483



29.7573, 0.2173, 0.1816



19.1666, 0.2979, 0.3191



15.6452, 0.1859, 0.1893



1.7382, 0.1908, 0.2068

Previews

White Background



This preview shows how the Yxy color 54.5815, 0.4281, 0.3839 looks on a white background.

Color Contrast Check

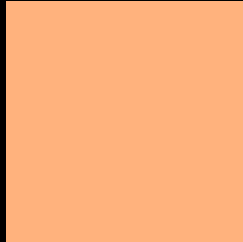
Large Text (above 18pt) WCAG AA × Fail

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 54.5815, 0.4281, 0.3839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

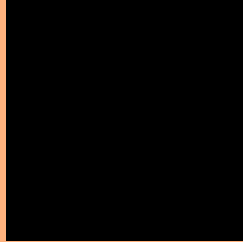
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.5815, 0.4281, 0.3839

Background



This preview shows how black text looks on a background with the Yxy color 54.5815, 0.4281, 0.3839.



This preview shows how white text looks on a background with the Yxy color 54.5815, 0.4281, 0.3839.

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

54.5815, 0.4281, 0.3839

Protanopia

54.6932, 0.3759, 0.4044

Deuteranopia

54.8036, 0.4080, 0.3997



Tritanopia

54.6078, 0.3771, 0.3176

Trichromacy



Original Color

54.5815, 0.4281, 0.3839

Protanomaly

54.4742, 0.3951, 0.3975

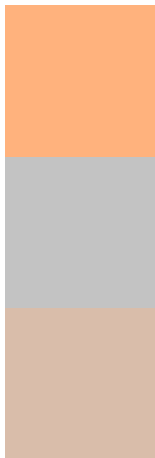
Deuteranomaly

54.7909, 0.4150, 0.3938

Tritanomaly

54.5643, 0.3959, 0.3419

Monochromacy



Original Color

54.5815, 0.4281, 0.3839

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.0492, 0.3517, 0.3516

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.5815, 0.4281, 0.3839 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, 178, 125)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 125)  
}
```

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, 178, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 125) }
```

Border

The CSS property to change the border of an element to Yxy 54.5815, 0.4281, 0.3839 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, 178, 125) }
```

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

```
.border{ border-color:rgb(255, 178, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 178, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 125);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 54.5815, 0.4281, 0.3839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 178, 125) }
```

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

```
.background{ background-color: rgb(255,  
178, 125) }
```

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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