

Converting Colors

$Y_{xy}(57.8711, 0.4941, 0.3472)$

Have a look what the booklet for
Yxy(57.8711, 0.4941, 0.3472)
contains.

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Color

Yxy(44.2613, 0.4448, 0.3531)

Conversions

Conversions Part 1

Format	Color
Hex	FF957E
RGB	255, 149, 126
RGB Percent	100%, 58%, 49%
CMY	0.0000, 0.4157, 0.5060
CMYK	0.00, 0.42, 0.51, 0.00
HSL	11°, 100%, 75%
HSV	11°, 51%, 100%
XYZ	55.7560, 44.2613, 25.3334
YIQ	178.0720, 70.5590, 15.3190

Conversions

Conversions Part 2

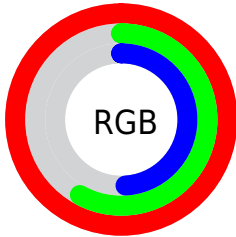
Format	Color
RYB	255, 154, 126
Decimal	16749950
CIELab	72.40, 37.51, 29.41
CIELCh	72, 47.664, 38.097
Yxy	44.2613, 0.4448, 0.3531
Android (android.graphics.Color)	4294940030 (0xFFFF957E)
YUV	178.0720, -25.6715, 67.4659
Hunter-Lab	66.5292, 33.1691, 23.9936

Details

The Yxy color **44.2613, 0.4448, 0.3531** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **69.3505, 0.2414, 0.3016**, and the grayscale version is **44.6691, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.7004, 0.3723, 0.3551**, and **20.3709, 0.4819, 0.3535** is the 20% darker color. If you saturate the color by 10%, you get **37.6412, 0.4854, 0.3562**, and if you desaturate by 10%, it is **52.2403, 0.4087, 0.3487**.

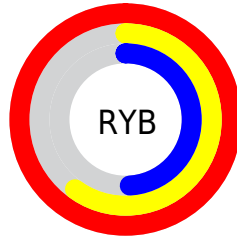
Distribution



Red (100%)

Green (58%)

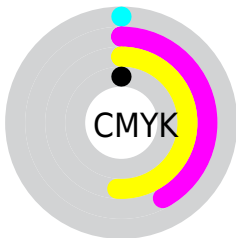
Blue (49%)



Red (100%)

Yellow (60%)

Blue (49%)

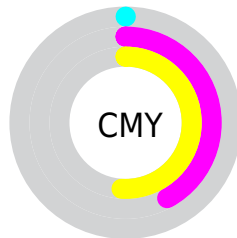


Cyan (0%)

Magenta (42%)

Yellow (51%)

Black (0%)



Cyan (0%)


Magenta (42%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.2613, 0.4448, 0.3531 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 44.2613, 0.4448, 0.3531 by changing the saturation by 10% instead.

 44.2613, 0.4448,
0.3531


 44.2613, 0.4448,
0.3531

363.7735, 0.3778,
0.3446

 30.8760, 0.4614,
0.3540


 81.6108, 0.4205,
0.3509

 20.5044, 0.4824,
0.3544


 106.3438, 0.4113,
0.3498

 12.7622, 0.5098,
0.3536


 135.6281, 0.4036,
0.3488

 7.2650, 0.5464,
0.3501

169.8481, 0.3969,
0.3478

 3.6284, 0.5983,
0.3411

209.3883, 0.3912,
0.3469

 1.4679, 0.6794,
0.3206

254.6330, 0.3862,

 0.2660, 0.8201,

0.3461

0.1799

305.9666, 0.3818,
0.3453

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

44.2613, 0.4448,
0.3531

44.2613, 0.4448,
0.3531

37.6412, 0.4854,
0.3562

52.2403, 0.4087,
0.3487

32.3046, 0.5282,
0.3572

61.6505, 0.3780,
0.3438

28.1660, 0.5691,
0.3551

72.5572, 0.3523,
0.3387

25.1301, 0.6026,
0.3497

85.0222, 0.3311,
0.3338

■ 23.1761, 0.6240,
0.3427

99.1036, 0.3137,
0.3293

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.



44.2613, 0.4088, 0.3030



44.2613, 0.4448, 0.3531



44.2613, 0.4396, 0.4033

Triad

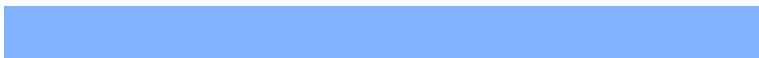
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



44.2613, 0.4448, 0.3531



44.2613, 0.2727, 0.4155



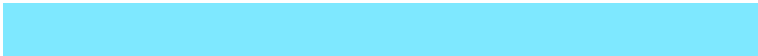
44.2613, 0.2252, 0.2249

Complementary

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



44.2613, 0.4448, 0.3531



69.3505, 0.2414, 0.3016

Split Complementary

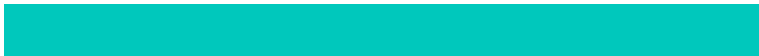
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



44.2613, 0.1979, 0.2403



44.2613, 0.4448, 0.3531



44.2613, 0.2221, 0.3474

Square

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



44.2613, 0.4448, 0.3531



44.2613, 0.3375, 0.4518



44.2613, 0.1965, 0.2821



44.2613, 0.2766, 0.2328

Rectangle

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



44.2613, 0.4448, 0.3531



44.2613, 0.4155, 0.4318



44.2613, 0.1965, 0.2821



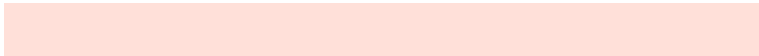
44.2613, 0.2133, 0.2272

Sweetspot

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



44.2608, 0.4448, 0.3531



79.3409, 0.3399, 0.3359



42.0861, 0.3380, 0.2241



16.4231, 0.3444, 0.3370



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.



44.2608, 0.4448, 0.3531



37.4032, 0.4871, 0.3563



69.8479, 0.4080, 0.4158



18.5111, 0.3290, 0.3333



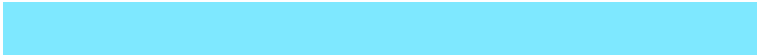
12.2606, 0.6217, 0.3445



1.3297, 0.6020, 0.3602

Inverse Universe

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



69.3505, 0.2414, 0.3016



64.9663, 0.2306, 0.2950



40.0225, 0.2256, 0.2211



19.8974, 0.2980, 0.3247



27.9258, 0.2086, 0.2708



2.8566, 0.2106, 0.2781

Previews

White Background



This preview shows how the Yxy color 44.2613, 0.4448, 0.3531 looks on a white background.

Color Contrast Check

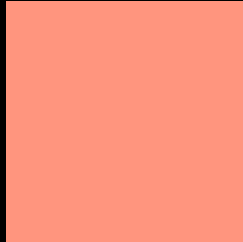
Large Text (above 18pt) WCAG AA × Fail

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 44.2613, 0.4448, 0.3531 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 44.2613, 0.4448, 0.3531

Background



This preview shows how black text looks on a background with the Yxy color 44.2613, 0.4448, 0.3531.



This preview shows how white text looks on a background with the Yxy color 44.2613, 0.4448, 0.3531.

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

44.2613, 0.4448, 0.3531

Protanopia

44.6520, 0.3565, 0.3806

Deuteranopia

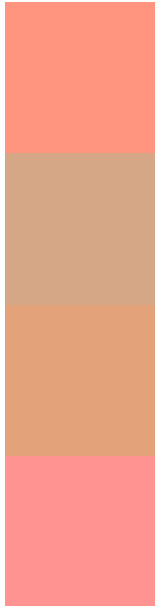
44.3007, 0.3969, 0.3879



Tritanopia

44.2181, 0.4147, 0.3188

Trichromacy



Original Color

44.2613, 0.4448, 0.3531

Protanomaly

43.6548, 0.3884, 0.3697

Deuteranomaly

43.7647, 0.4149, 0.3744

Tritanomaly

44.1718, 0.4261, 0.3314

Monochromacy



Original Color

44.2613, 0.4448, 0.3531

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.2624, 0.3570, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2613, 0.4448, 0.3531 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, 149, 126)` looks like.

```
.text, #text, p{  
    color:rgb(255, 149, 126)  
}
```

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, 149, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 149, 126) }
```

Border

The CSS property to change the border of an element to Yxy 44.2613, 0.4448, 0.3531 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, 149, 126) }
```

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

```
.border{ border-color:rgb(255, 149, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 149, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 149, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 149, 126);  
box-shadow:4px 4px 4px 4px rgb(255, 149,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2613, 0.4448, 0.3531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 149, 126) }
```

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

```
.background{ background-color: rgb(255,  
149, 126) }
```

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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