

Converting Colors

$Yxy(54.9934, 0.4000, 0.3457)$

Have a look what the booklet for
Yxy(54.9934, 0.4000, 0.3457)
contains.

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Color

Yxy(54.8487, 0.3982, 0.3461)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFB0A0 |
| RGB | 255, 176, 160 |
| RGB Percent | 100%, 69%, 63% |
| CMY | 0.0001, 0.3097, 0.3725 |
| CMYK | 0.00, 0.31, 0.37, 0.00 |
| HSL | 10°, 100%, 81% |
| HSV | 10°, 37%, 100% |
| XYZ | 63.1053, 54.8487, 40.5224 |
| YIQ | 197.7970, 52.2200, 11.7720 |

Conversions

Conversions Part 2

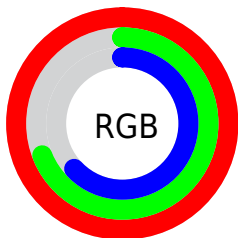
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 179, 160 |
| Decimal | 16756896 |
| CIE Lab | 78.95, 26.91, 19.85 |
| CIE LCh | 79, 33.440, 36.420 |
| Yxy | 54.8487, 0.3982, 0.3461 |
| Android (android.graphics.Color) | 4294946976 (0xFFFFB0A0) |
| YUV | 197.7970, -18.6339, 50.1670 |
| Hunter-Lab | 74.0599, 22.4923, 19.4010 |

Details

The Yxy color **54.8487, 0.3982, 0.3461** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **76.4103, 0.2579, 0.3108**, and the grayscale version is **56.4355, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.8795, 0.3398, 0.3461**, and **26.9844, 0.4216, 0.3495** is the 20% darker color. If you saturate the color by 10%, you get **46.3729, 0.4328, 0.3505**, and if you desaturate by 10%, it is **64.8111, 0.3690, 0.3413**.

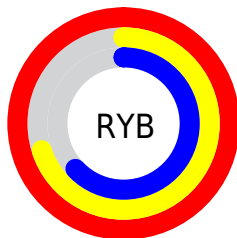
Distribution



Red (100%)

Green (69%)

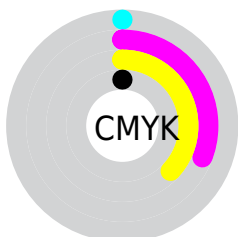
Blue (63%)



Red (100%)

Yellow (70%)

Blue (63%)

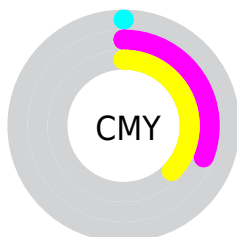


Cyan (0%)

Magenta (31%)

Yellow (37%)

Black (0%)



Cyan (0%)


Magenta (31%)

Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.8487, 0.3982, 0.3461 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 54.8487, 0.3982, 0.3461 by changing the saturation by 10% instead.


 54.8487, 0.3982,
0.3461


 54.8487, 0.3982,
0.3461


405.3381, 0.3562,
0.3392

 39.2806, 0.4084,
0.3473

 97.3192, 0.3831,
0.3440

 26.9781, 0.4212,
0.3486


 124.9905, 0.3774,
0.3431

 17.5568, 0.4380,
0.3499


157.4649, 0.3726,
0.3423

 10.6322, 0.4605,
0.3508

195.1268, 0.3684,
0.3415

 5.8201, 0.4923,
0.3506

238.3607, 0.3647,
0.3409

 2.7360, 0.5396,
0.3468

287.5510, 0.3615,

 0.9955, 0.6500,

0.3403

0.3500

343.0820, 0.3587,
0.3397

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.8487, 0.3982,
0.3461

54.8487, 0.3982,
0.3461

46.3729, 0.4328,
0.3505

64.8111, 0.3690,
0.3413

39.3044, 0.4724,
0.3539

76.3188, 0.3448,
0.3366

33.5686, 0.5153,
0.3555

89.4366, 0.3249,
0.3321

29.0805, 0.5577,
0.3545

99.9960, 0.3127,
0.3290

■ 25.7452, 0.5944,
0.3502

■ 23.4524, 0.6201,
0.3433

■ 22.9819, 0.6255,
0.3415

Harmonies

Analogous

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



54.8487, 0.3734, 0.3108



54.8487, 0.3982, 0.3461



54.8487, 0.3978, 0.3800

Triad

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



54.8487, 0.3982, 0.3461



54.8487, 0.2899, 0.3853



54.8487, 0.2522, 0.2582

Complementary

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



54.8487, 0.3982, 0.3461



76.4103, 0.2579, 0.3108

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.



54.8487, 0.2336, 0.2716



54.8487, 0.3982, 0.3461



54.8487, 0.2540, 0.3445

Square

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



54.8487, 0.3982, 0.3461



54.8487, 0.3336, 0.4075



54.8487, 0.2342, 0.3021



54.8487, 0.2872, 0.2622

Rectangle

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



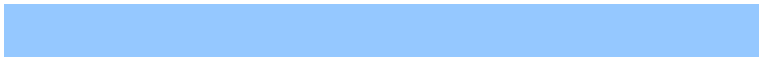
54.8487, 0.3982, 0.3461



54.8487, 0.3838, 0.3977



54.8487, 0.2342, 0.3021



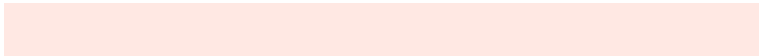
54.8487, 0.2440, 0.2607

Sweetspot

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



54.8513, 0.3982, 0.3461



84.3351, 0.3319, 0.3337



52.6419, 0.3300, 0.2503



17.6678, 0.3345, 0.3344



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.



54.8513, 0.3982, 0.3461



48.1605, 0.4246, 0.3496



76.7423, 0.3798, 0.3936



18.4816, 0.3290, 0.3331



12.1544, 0.6233, 0.3433



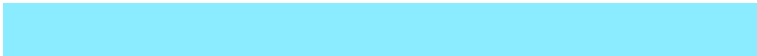
1.3151, 0.6040, 0.3586

Inverse Universe

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



76.4103, 0.2579, 0.3108



72.6125, 0.2482, 0.3065



52.2461, 0.2497, 0.2542



19.9296, 0.2980, 0.3249



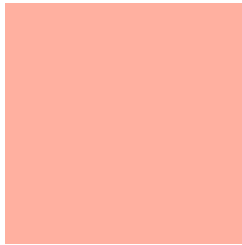
28.5746, 0.2095, 0.2742



2.9140, 0.2114, 0.2811

Previews

White Background



This preview shows how the Yxy color 54.8487, 0.3982, 0.3461 looks on a white background.

Color Contrast Check

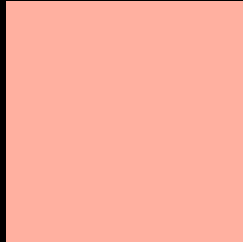
Large Text (above 18pt) WCAG AA × Fail

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 54.8487, 0.3982, 0.3461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

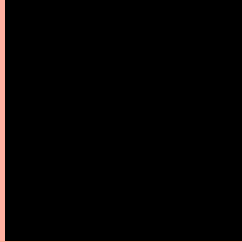
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.8487, 0.3982, 0.3461

Background



This preview shows how black text looks on a background with the Yxy color 54.8487, 0.3982, 0.3461.



This preview shows how white text looks on a background with the Yxy color 54.8487, 0.3982, 0.3461.

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

54.8487, 0.3982, 0.3461

Protanopia

54.8739, 0.3409, 0.3607

Deuteranopia

54.9290, 0.3717, 0.3636



Tritanopia

54.6923, 0.3753, 0.3156

Trichromacy



Original Color

54.8487, 0.3982, 0.3461

Protanomaly

54.4076, 0.3606, 0.3548

Deuteranomaly

54.9613, 0.3811, 0.3570

Tritanomaly

54.7064, 0.3833, 0.3261

Monochromacy



Original Color

54.8487, 0.3982, 0.3461

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.3477, 0.3417, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8487, 0.3982, 0.3461 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, 176, 160)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 160)  
}
```

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, 176, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 160) }
```

Border

The CSS property to change the border of an element to Yxy 54.8487, 0.3982, 0.3461 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, 176, 160) }
```

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

```
.border{ border-color:rgb(255, 176, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 176, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 176, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 176, 160); box-shadow:4px 4px 4px 4px rgb(255, 176, 160) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8487, 0.3982, 0.3461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 176, 160) }
```

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

```
.background{ background-color: rgb(255,  
176, 160) }
```

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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