

Converting Colors

Yxy(52.5342, 0.4093, 0.3507)

Have a look what the booklet for
Yxy(52.5342, 0.4093, 0.3507)
contains.

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Color

Yxy(52.5878, 0.4096, 0.3514)

Conversions

Conversions Part 1

Format	Color
Hex	FFAB96
RGB	255, 171, 150
RGB Percent	100%, 67%, 59%
CMY	0.0001, 0.3293, 0.4118
CMYK	0.00, 0.33, 0.41, 0.00
HSL	12°, 100%, 79%
HSV	12°, 41%, 100%
XYZ	61.2976, 52.5878, 35.7669
YIQ	193.7220, 56.8050, 11.2770

Conversions

Conversions Part 2

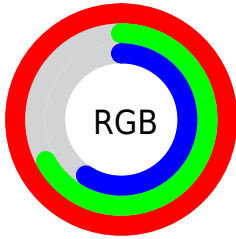
Format	Color
R _Y B	255, 176, 150
Decimal	16755606
CIE Lab	77.63, 28.41, 23.44
CIE LCh	78, 36.826, 39.523
Yxy	52.5878, 0.4096, 0.3514
Android (android.graphics.Color)	4294945686 (0xFFFFAB96)
YUV	193.7220, -21.5549, 53.7408
Hunter-Lab	72.5174, 23.9770, 21.5193

Details

The Yxy color **52.5878, 0.4096, 0.3514** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **72.5036, 0.2523, 0.3047**, and the grayscale version is **53.8813, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.5578, 0.3482, 0.3523**, and **25.5935, 0.4364, 0.3546** is the 20% darker color. If you saturate the color by 10%, you get **44.7382, 0.4452, 0.3563**, and if you desaturate by 10%, it is **61.8091, 0.3790, 0.3459**.

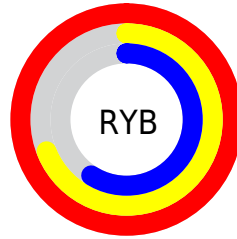
Distribution



Red (100%)

Green (67%)

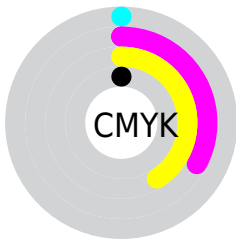
Blue (59%)



Red (100%)

Yellow (69%)

Blue (59%)

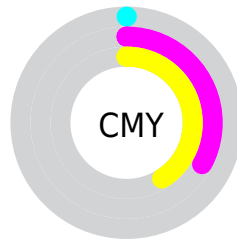


Cyan (0%)

Magenta (33%)

Yellow (41%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.5878, 0.4096, 0.3514 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 52.5878, 0.4096, 0.3514 by changing the saturation by 10% instead.

 52.5878, 0.4096,
0.3514


 52.5878, 0.4096,
0.3514


396.7017, 0.3617,
0.3423

 37.4738, 0.4212,
0.3530


 93.9975, 0.3924,
0.3486

 25.5746, 0.4360,
0.3547


 121.0621, 0.3859,
0.3474

 16.5056, 0.4551,
0.3563


152.8789, 0.3803,
0.3463

 9.8827, 0.4808,
0.3573

189.8325, 0.3756,
0.3454

 5.3212, 0.5168,
0.3565

232.3072, 0.3714,
0.3445

 2.4369, 0.5754,
0.3539

280.6873, 0.3678,

 0.8448, 0.6655,

0.3437

0.3345

335.3573, 0.3646,
0.3430

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.5878, 0.4096,
0.3514

52.5878, 0.4096,
0.3514

44.7382, 0.4452,
0.3563

61.8091, 0.3790,
0.3459

38.1866, 0.4852,
0.3598

72.4557, 0.3534,
0.3402

32.8640, 0.5271,
0.3608

84.5879, 0.3321,
0.3347

28.6916, 0.5671,
0.3586

98.2602, 0.3146,
0.3296

■ 25.5810, 0.6000,
0.3527

99.9935, 0.3127,
0.3290

■ 23.6300, 0.6204,
0.3456

Harmonies

Analogous

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



52.5878, 0.3845, 0.3124



52.5878, 0.4096, 0.3514



52.5878, 0.4058, 0.3885

Triad

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



52.5878, 0.4096, 0.3514



52.5878, 0.2823, 0.3883



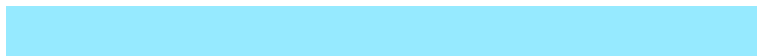
52.5878, 0.2488, 0.2503

Complementary

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



52.5878, 0.4096, 0.3514



72.5036, 0.2523, 0.3047

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.



52.5878, 0.2264, 0.2625



52.5878, 0.4096, 0.3514



52.5878, 0.2442, 0.3409

Square

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



52.5878, 0.4096, 0.3514



52.5878, 0.3305, 0.4160



52.5878, 0.2247, 0.2942



52.5878, 0.2889, 0.2566

Rectangle

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



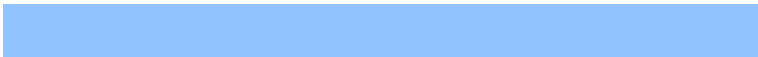
52.5878, 0.4096, 0.3514



52.5878, 0.3883, 0.4076



52.5878, 0.2247, 0.2942



52.5878, 0.2392, 0.2522

Sweetspot

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



52.5904, 0.4096, 0.3514



83.5542, 0.3337, 0.3352



49.0001, 0.3354, 0.2453



17.5298, 0.3363, 0.3359



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.



52.5904, 0.4096, 0.3514



46.3465, 0.4371, 0.3553



76.4827, 0.3866, 0.4037



18.5764, 0.3289, 0.3338



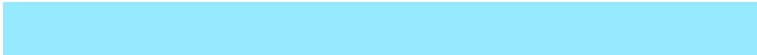
12.5163, 0.6179, 0.3476



1.3638, 0.5974, 0.3639

Inverse Universe

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



72.5036, 0.2523, 0.3047



68.5397, 0.2426, 0.2993



46.9433, 0.2418, 0.2403



19.8265, 0.2980, 0.3241



26.5288, 0.2065, 0.2632



2.7326, 0.2088, 0.2715

Previews

White Background



This preview shows how the Yxy color 52.5878, 0.4096, 0.3514 looks on a white background.

Color Contrast Check

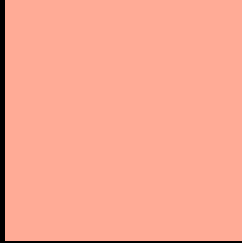
Large Text (above 18pt) WCAG AA × Fail

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 52.5878, 0.4096, 0.3514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

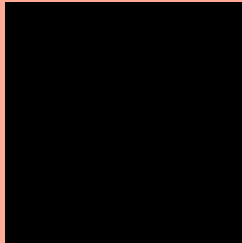
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.5878, 0.4096, 0.3514

Background



This preview shows how black text looks on a background with the Yxy color 52.5878, 0.4096, 0.3514.



This preview shows how white text looks on a background with the Yxy color 52.5878, 0.4096, 0.3514.

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

52.5878, 0.4096, 0.3514

Protanopia

52.9338, 0.3469, 0.3686

Deuteranopia

52.5563, 0.3807, 0.3721



Tritanopia

52.5606, 0.3824, 0.3166

Trichromacy



Original Color

52.5878, 0.4096, 0.3514



Protanomaly

52.2109, 0.3694, 0.3621



Deuteranomaly

52.3828, 0.3918, 0.3639



Tritanomaly

52.5005, 0.3925, 0.3292

Monochromacy



Original Color

52.5878, 0.4096, 0.3514



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

52.9311, 0.3449, 0.3386

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5878, 0.4096, 0.3514 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, 171, 150)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 150)  
}
```

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, 171, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 150) }
```

Border

The CSS property to change the border of an element to Yxy 52.5878, 0.4096, 0.3514 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, 171, 150) }
```

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

```
.border{ border-color:rgb(255, 171, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 171, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 150);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5878, 0.4096, 0.3514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 171, 150) }
```

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

```
.background{ background-color: rgb(255,  
171, 150) }
```

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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