

Converting Colors

$Y_{xy}(52.6899, 0.4085, 0.3504)$

Have a look what the booklet for
Yxy(52.6899, 0.4085, 0.3504)
contains.

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Color

Yxy(52.6202, 0.4087, 0.3503)

Conversions

Conversions Part 1

Format	Color
Hex	FFAB97
RGB	255, 171, 151
RGB Percent	100%, 67%, 59%
CMY	0.0000, 0.3294, 0.4078
CMYK	0.00, 0.33, 0.41, 0.00
HSL	12°, 100%, 80%
HSV	12°, 41%, 100%
XYZ	61.3927, 52.6202, 36.2017
YIQ	193.8360, 56.4840, 11.5880

Conversions

Conversions Part 2

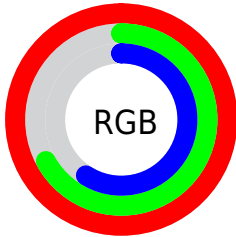
Format	Color
R _Y B	255, 176, 151
Decimal	16755607
CIE Lab	77.65, 28.55, 22.91
CIE LCh	78, 36.604, 38.751
Yxy	52.6202, 0.4087, 0.3503
Android (android.graphics.Color)	4294945687 (0xFFFFAB97)
YUV	193.8360, -21.1181, 53.6408
Hunter-Lab	72.5398, 24.1256, 21.1886

Details

The Yxy color **52.6202, 0.4087, 0.3503** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **73.2211, 0.2529, 0.3060**, and the grayscale version is **53.9484, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.6059, 0.3475, 0.3513**, and **25.6127, 0.4351, 0.3533** is the 20% darker color. If you saturate the color by 10%, you get **44.6949, 0.4444, 0.3550**, and if you desaturate by 10%, it is **61.9375, 0.3781, 0.3450**.

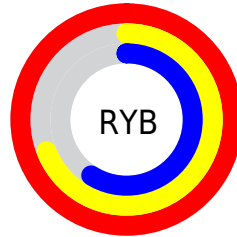
Distribution



Red (100%)

Green (67%)

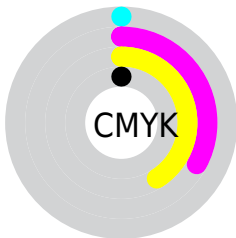
Blue (59%)



Red (100%)

Yellow (69%)

Blue (59%)

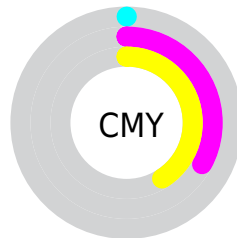


Cyan (0%)

Magenta (33%)

Yellow (41%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.6202, 0.4087, 0.3503 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 52.6202, 0.4087, 0.3503 by changing the saturation by 10% instead.


 52.6202, 0.4087,
0.3503


 52.6202, 0.4087,
0.3503


396.8263, 0.3612,
0.3417

 37.4997, 0.4202,
0.3518


 94.0453, 0.3916,
0.3477

 25.5946, 0.4348,
0.3534

 121.1186, 0.3852,
0.3465

 16.5206, 0.4538,
0.3548


152.9449, 0.3797,
0.3455

 9.8933, 0.4794,
0.3557

189.9087, 0.3750,
0.3446

 5.3283, 0.5152,
0.3548

232.3944, 0.3709,
0.3438

 2.4411, 0.5728,
0.3515

280.7863, 0.3673,

 0.8469, 0.6661,

0.3430

0.3339

335.4688, 0.3641,
0.3424

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.6202, 0.4087,
0.3503

52.6202, 0.4087,
0.3503

44.6949, 0.4444,
0.3550

61.9375, 0.3781,
0.3450

38.0935, 0.4845,
0.3584

72.7092, 0.3525,
0.3395

32.7427, 0.5268,
0.3595

84.9948, 0.3314,
0.3343

28.5617, 0.5672,
0.3574

98.8498, 0.3139,
0.3294

■ 25.4595, 0.6005,
0.3517

100.0000, 0.3127,
0.3290

■ 23.4586, 0.6218,
0.3445

Harmonies

Analogous

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



52.6202, 0.3831, 0.3116



52.6202, 0.4087, 0.3503



52.6202, 0.4057, 0.3874

Triad

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



52.6202, 0.4087, 0.3503



52.6202, 0.2836, 0.3889



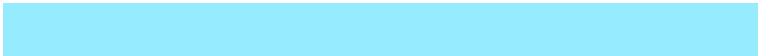
52.6202, 0.2484, 0.2508

Complementary

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



52.6202, 0.4087, 0.3503



73.2211, 0.2529, 0.3060

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.



52.6202, 0.2266, 0.2635



52.6202, 0.4087, 0.3503



52.6202, 0.2454, 0.3422

Square

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



52.6202, 0.4087, 0.3503



52.6202, 0.3317, 0.4158



52.6202, 0.2254, 0.2955



52.6202, 0.2879, 0.2567

Rectangle

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



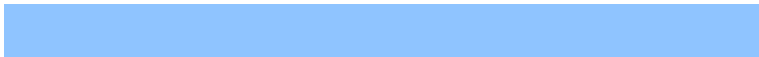
52.6202, 0.4087, 0.3503



52.6202, 0.3887, 0.4065



52.6202, 0.2254, 0.2955



52.6202, 0.2389, 0.2529

Sweetspot

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



52.6204, 0.4087, 0.3503



83.4147, 0.3337, 0.3349



49.4480, 0.3336, 0.2446



17.4972, 0.3363, 0.3356



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.



52.6204, 0.4087, 0.3503



46.0078, 0.4377, 0.3543



75.7739, 0.3865, 0.4013



18.5521, 0.3290, 0.3336



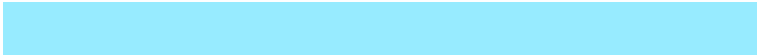
12.4175, 0.6194, 0.3464



1.3508, 0.5991, 0.3625

Inverse Universe

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



73.2211, 0.2529, 0.3060



69.1097, 0.2428, 0.3005



48.0555, 0.2429, 0.2435



19.8529, 0.2980, 0.3243



27.0435, 0.2072, 0.2660



2.7784, 0.2095, 0.2740

Previews

White Background



This preview shows how the Yxy color 52.6202, 0.4087, 0.3503 looks on a white background.

Color Contrast Check

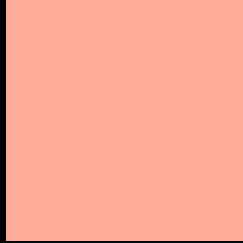
Large Text (above 18pt) WCAG AA × Fail

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 52.6202, 0.4087, 0.3503 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 52.6202, 0.4087, 0.3503

Background



This preview shows how black text looks on a background with the Yxy color 52.6202, 0.4087, 0.3503.



This preview shows how white text looks on a background with the Yxy color 52.6202, 0.4087, 0.3503.

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

52.6202, 0.4087, 0.3503

Protanopia

52.9690, 0.3461, 0.3674

Deuteranopia

53.0048, 0.3795, 0.3721



Tritanopia

52.5606, 0.3824, 0.3166

Trichromacy



Original Color

52.6202, 0.4087, 0.3503

Protanomaly

52.2449, 0.3685, 0.3609

Deuteranomaly

52.8170, 0.3905, 0.3639

Tritanomaly

52.5005, 0.3925, 0.3292

Monochromacy



Original Color

52.6202, 0.4087, 0.3503

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 52.6202, 0.4087, 0.3503 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, 151)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 151)  
}
```

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, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 151) }
```

Border

The CSS property to change the border of an element to Yxy 52.6202, 0.4087, 0.3503 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, 151) }
```

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

```
.border{ border-color:rgb(255, 171, 151) }
```

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, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 151);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 52.6202, 0.4087, 0.3503 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, 151) }
```

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

```
.background{ background-color: rgb(255,  
171, 151) }
```

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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