

Converting Colors

$Yxy(52.9258, 0.3981, 0.3420)$

Have a look what the booklet for
Yxy(52.9258, 0.3981, 0.3420)
contains.

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Color

Yxy(52.9258, 0.3981, 0.3420)

Conversions

Conversions Part 1

Format	Color
Hex	FDACA0
RGB	253, 172, 160
RGB Percent	99%, 67%, 63%
CMY	0.0078, 0.3255, 0.3726
CMYK	0.00, 0.32, 0.37, 0.01
HSL	8°, 96%, 81%
HSV	8°, 37%, 99%
XYZ	61.6075, 52.9258, 40.2205
YIQ	194.8510, 52.1280, 13.4400

Conversions

Conversions Part 2

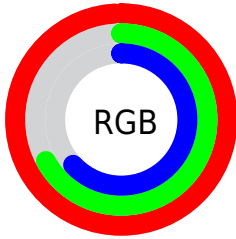
Format	Color
R _Y B	253, 174, 160
Decimal	16624800
CIE Lab	77.83, 28.27, 18.28
CIE LCh	78, 33.663, 32.881
Yxy	52.9258, 0.3981, 0.3420
Android (android.graphics.Color)	4294814880 (0xFFFDACA0)
YUV	194.8510, -17.1815, 50.9967
Hunter-Lab	72.7501, 23.8477, 18.1461

Details

The Yxy color **52.9258, 0.3981, 0.3420** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **77.4728, 0.2592, 0.3153**, and the grayscale version is **54.5621, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.6531, 0.3404, 0.3421**, and **25.7671, 0.4206, 0.3429** is the 20% darker color. If you saturate the color by 10%, you get **44.4280, 0.4335, 0.3454**, and if you desaturate by 10%, it is **62.9992, 0.3684, 0.3383**.

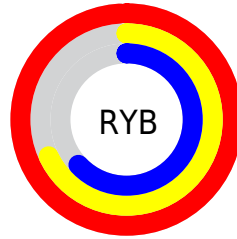
Distribution



Red (99%)

Green (67%)

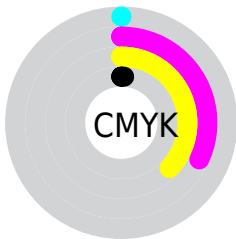
Blue (63%)



Red (99%)

Yellow (68%)

Blue (63%)

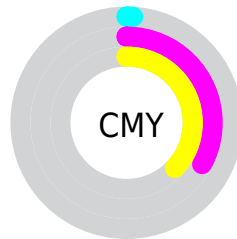


Cyan (0%)

Magenta (32%)

Yellow (37%)

Black (1%)



Cyan (1%)


Magenta (33%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.9258, 0.3981, 0.3420 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 52.9258, 0.3981, 0.3420 by changing the saturation by 10% instead.

 52.9258, 0.3981,
0.3420


 52.9258, 0.3981,
0.3420


398.0004, 0.3559,
0.3370

 37.7435, 0.4084,
0.3428


 94.4952, 0.3829,
0.3405

 25.7837, 0.4215,
0.3435


 121.6511, 0.3772,
0.3399

 16.6619, 0.4386,
0.3441


153.5670, 0.3723,
0.3393

 9.9937, 0.4618,
0.3441

190.6273, 0.3681,
0.3388

 5.3948, 0.4948,
0.3426

233.2164, 0.3644,
0.3383

 2.4807, 0.5448,
0.3368

281.7187, 0.3612,

 0.8670, 0.6634,

0.3378

0.3366

336.5185, 0.3584,
0.3374

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.9258, 0.3981,
0.3420

52.9258, 0.3981,
0.3420

44.4280, 0.4335,
0.3454

62.9992, 0.3684,
0.3383

37.4188, 0.4743,
0.3480

74.7144, 0.3440,
0.3347

31.8141, 0.5186,
0.3491

88.1431, 0.3241,
0.3312

27.5186, 0.5624,
0.3481

99.6245, 0.3115,
0.3290

■ 24.4246, 0.5997,
0.3446

■ 22.4068, 0.6250,
0.3390

■ 21.9544, 0.6308,
0.3374

Harmonies

Analogous

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



52.9258, 0.3702, 0.3065



52.9258, 0.3981, 0.3420



52.9258, 0.4008, 0.3771

Triad

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



52.9258, 0.3981, 0.3420



52.9258, 0.2945, 0.3903



52.9258, 0.2480, 0.2577

Complementary

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



52.9258, 0.3981, 0.3420



77.4728, 0.2592, 0.3153

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.



52.9258, 0.2313, 0.2733



52.9258, 0.3981, 0.3420



52.9258, 0.2565, 0.3501

Square

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



52.9258, 0.3981, 0.3420



52.9258, 0.3392, 0.4100



52.9258, 0.2342, 0.3062



52.9258, 0.2818, 0.2597

Rectangle

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



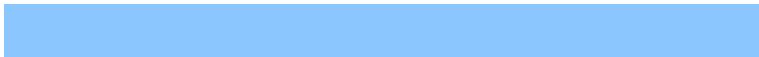
52.9258, 0.3981, 0.3420



52.9258, 0.3883, 0.3962



52.9258, 0.2342, 0.3062



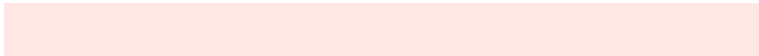
52.9258, 0.2403, 0.2609

Sweetspot

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



52.9284, 0.3981, 0.3420



83.7163, 0.3320, 0.3327



52.4424, 0.3258, 0.2472



17.5215, 0.3347, 0.3331



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.



52.9284, 0.3981, 0.3420



47.4498, 0.4232, 0.3445



73.2294, 0.3805, 0.3883



18.3650, 0.3291, 0.3321



11.7914, 0.6290, 0.3388



1.2604, 0.6117, 0.3525

Inverse Universe

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



77.4728, 0.2592, 0.3153



75.6618, 0.2503, 0.3122



53.8856, 0.2514, 0.2611



20.0575, 0.2980, 0.3258



31.2449, 0.2132, 0.2876



3.1490, 0.2147, 0.2927

Previews

White Background



This preview shows how the Yxy color 52.9258, 0.3981, 0.3420 looks on a white background.

Color Contrast Check

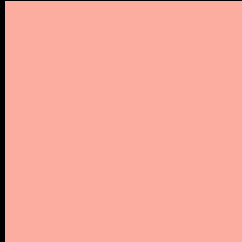
Large Text (above 18pt) WCAG AA × Fail

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 52.9258, 0.3981, 0.3420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

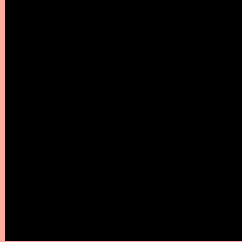
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.9258, 0.3981, 0.3420

Background



This preview shows how black text looks on a background with the Yxy color 52.9258, 0.3981, 0.3420.



This preview shows how white text looks on a background with the Yxy color 52.9258, 0.3981, 0.3420.

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

52.9258, 0.3981, 0.3420

Protanopia

53.1581, 0.3381, 0.3562

Deuteranopia

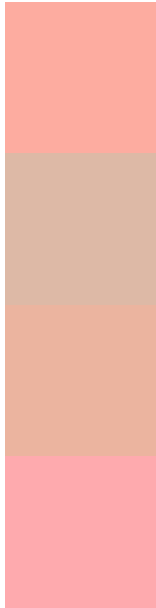
53.0138, 0.3691, 0.3606



Tritanopia

53.0133, 0.3802, 0.3155

Trichromacy



Original Color

52.9258, 0.3981, 0.3420

Protanomaly

52.8232, 0.3596, 0.3515

Deuteranomaly

52.8079, 0.3798, 0.3529

Tritanomaly

52.8763, 0.3865, 0.3250

Monochromacy



Original Color

52.9258, 0.3981, 0.3420

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.5170, 0.3413, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.9258, 0.3981, 0.3420 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(253, 172, 160)` looks like.

```
.text, #text, p{  
  color:rgb(253, 172, 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(253, 172, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 172, 160) }
```

Border

The CSS property to change the border of an element to Yxy 52.9258, 0.3981, 0.3420 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(253, 172, 160) }
```

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

```
.border{ border-color:rgb(253, 172, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 172, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 172, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 172, 160);  
box-shadow:4px 4px 4px 4px rgb(253, 172,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 52.9258, 0.3981, 0.3420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 172, 160) }
```

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

```
.background{ background-color: rgb(253,  
172, 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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