

Converting Colors

Yxy(52.9037, 0.4154, 0.3601)

Have a look what the booklet for
Yxy(52.9037, 0.4154, 0.3601)
contains.

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Color

Yxy(52.7482, 0.4156, 0.3597)

Conversions

Conversions Part 1

Format	Color
Hex	FFAC8F
RGB	255, 172, 143
RGB Percent	100%, 67%, 56%
CMY	0.0001, 0.3254, 0.4393
CMYK	0.00, 0.33, 0.44, 0.00
HSL	16°, 100%, 78%
HSV	16°, 44%, 100%
XYZ	60.9457, 52.7482, 32.9511
YIQ	193.5110, 58.7770, 8.5770

Conversions

Conversions Part 2

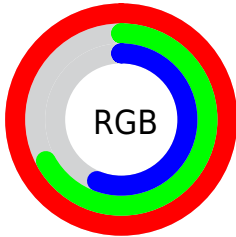
Format	Color
R _Y B	255, 182, 143
Decimal	16755855
CIE Lab	77.73, 27.17, 27.32
CIE LCh	78, 38.529, 45.160
Yxy	52.7482, 0.4156, 0.3597
Android (android.graphics.Color)	4294945935 (0xFFFFAC8F)
YUV	193.5110, -24.9019, 53.9259
Hunter-Lab	72.6280, 22.6891, 23.9398

Details

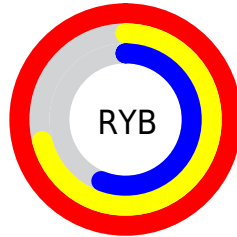
The Yxy color **52.7482, 0.4156, 0.3597** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.4284, 0.2474, 0.2949**, and the grayscale version is **53.7696, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.7780, 0.3528, 0.3605**, and **25.7021, 0.4443, 0.3649** is the 20% darker color. If you saturate the color by 10%, you get **45.3765, 0.4505, 0.3658**, and if you desaturate by 10%, it is **61.3228, 0.3851, 0.3527**.

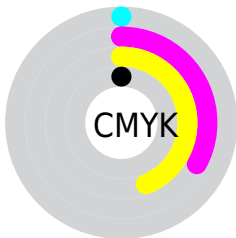
Distribution



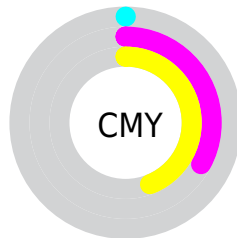
- Red (100%)
- Green (67%)
- Blue (56%)



- Red (100%)
- Yellow (71%)
- Blue (56%)



- Cyan (0%)
- Magenta (33%)
- Yellow (44%)
- Black (0%)





- Cyan (0%)
- Magenta (33%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.7482, 0.4156, 0.3597 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 52.7482, 0.4156, 0.3597 by changing the saturation by 10% instead.

 52.7482, 0.4156,
0.3597

 52.7482, 0.4156,
0.3597


397.3183, 0.3649,
0.3469

 37.6018, 0.4278,
0.3621


 94.2337, 0.3974,
0.3557

 25.6738, 0.4433,
0.3646


 121.3417, 0.3905,
0.3540

 16.5798, 0.4632,
0.3672

153.2056, 0.3847,
0.3525

 9.9353, 0.4897,
0.3694

190.2098, 0.3796,
0.3511

 5.3561, 0.5261,
0.3696

232.7388, 0.3752,
0.3499

 2.4577, 0.5927,
0.3729

281.1770, 0.3713,

 0.8553, 0.6584,

0.3488

0.3416

335.9087, 0.3679,
0.3478

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.7482, 0.4156,
0.3597

52.7482, 0.4156,
0.3597

45.3765, 0.4505,
0.3658

61.3228, 0.3851,
0.3527

39.1449, 0.4888,
0.3699

71.1438, 0.3591,
0.3454

33.9966, 0.5282,
0.3710

82.2619, 0.3373,
0.3383

29.8661, 0.5650,
0.3679

94.7228, 0.3190,
0.3315

■ 26.6802, 0.5948,
0.3606

99.9971, 0.3127,
0.3290

■ 25.1633, 0.6089,
0.3548

Harmonies

Analogous

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



52.7482, 0.3948, 0.3189



52.7482, 0.4156, 0.3597



52.7482, 0.4058, 0.3971

Triad

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



52.7482, 0.4156, 0.3597



52.7482, 0.2722, 0.3828



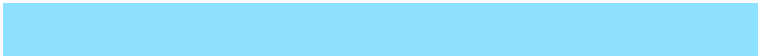
52.7482, 0.2527, 0.2469

Complementary

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



52.7482, 0.4156, 0.3597



67.4284, 0.2474, 0.2949

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.



52.7482, 0.2256, 0.2557



52.7482, 0.4156, 0.3597



52.7482, 0.2358, 0.3315

Square

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



52.7482, 0.4156, 0.3597



52.7482, 0.3214, 0.4172



52.7482, 0.2197, 0.2848



52.7482, 0.2972, 0.2569

Rectangle

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



52.7482, 0.4156, 0.3597



52.7482, 0.3845, 0.4151



52.7482, 0.2197, 0.2848



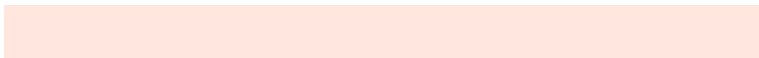
52.7482, 0.2415, 0.2476

Sweetspot

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



52.7508, 0.4156, 0.3597



83.3655, 0.3354, 0.3376



46.4442, 0.3425, 0.2450



17.2881, 0.3399, 0.3392



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.



52.7508, 0.4156, 0.3597



46.0140, 0.4471, 0.3653



78.1705, 0.3897, 0.4136



18.7522, 0.3288, 0.3352



13.3530, 0.6061, 0.3570



1.4679, 0.5843, 0.3743

Inverse Universe

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



67.4284, 0.2474, 0.2949



62.3749, 0.2360, 0.2865



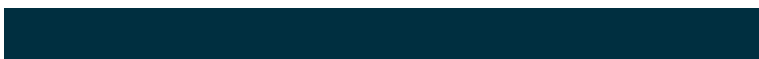
42.1792, 0.2355, 0.2261



19.6377, 0.2980, 0.3227



23.0248, 0.2007, 0.2425



2.4186, 0.2038, 0.2535

Previews

White Background



This preview shows how the Yxy color 52.7482, 0.4156, 0.3597 looks on a white background.

Color Contrast Check

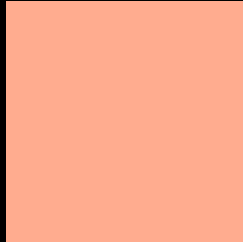
Large Text (above 18pt) WCAG AA × Fail

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 52.7482, 0.4156, 0.3597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

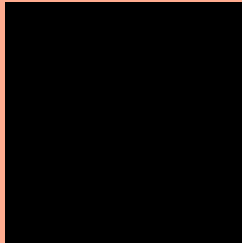
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.7482, 0.4156, 0.3597

Background



This preview shows how black text looks on a background with the Yxy color 52.7482, 0.4156, 0.3597.



This preview shows how white text looks on a background with the Yxy color 52.7482, 0.4156, 0.3597.

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

52.7482, 0.4156, 0.3597

Protanopia

52.9454, 0.3551, 0.3783

Deuteranopia

52.6980, 0.3876, 0.3787



Tritanopia

52.5606, 0.3824, 0.3166

Trichromacy



Original Color

52.7482, 0.4156, 0.3597

Protanomaly

52.5558, 0.3759, 0.3713

Deuteranomaly

52.7727, 0.3975, 0.3715

Tritanomaly

52.4260, 0.3944, 0.3314

Monochromacy



Original Color

52.7482, 0.4156, 0.3597

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

52.8119, 0.3474, 0.3422

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7482, 0.4156, 0.3597 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, 172, 143)` looks like.

```
.text, #text, p{  
    color:rgb(255, 172, 143)  
}
```

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, 172, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 172, 143) }
```

Border

The CSS property to change the border of an element to Yxy 52.7482, 0.4156, 0.3597 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, 172, 143) }
```

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

```
.border{ border-color:rgb(255, 172, 143) }
```

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

Here you see how a box with a 4 pixel rgb(255, 172, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 172, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 172, 143);  
box-shadow:4px 4px 4px 4px rgb(255, 172,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7482, 0.4156, 0.3597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 172, 143) }
```

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

```
.background{ background-color: rgb(255,  
172, 143) }
```

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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