

Converting Colors

Yxy(52.4508, 0.4335, 0.3811)

Have a look what the booklet for
Yxy(52.4508, 0.4335, 0.3811)
contains.

Yxy(52.5523, 0.4337, 0.3818)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(52.5523, 0.4337, 0.3818)

Conversions

Conversions Part 1

Format	Color
Hex	FFAD7A
RGB	255, 173, 122
RGB Percent	100%, 68%, 48%
CMY	0.0000, 0.3215, 0.5217
CMYK	0.00, 0.32, 0.52, 0.00
HSL	23°, 100%, 74%
HSV	23°, 52%, 100%
XYZ	59.6960, 52.5523, 25.3952
YIQ	191.7040, 65.2430, 1.5230

Conversions

Conversions Part 2

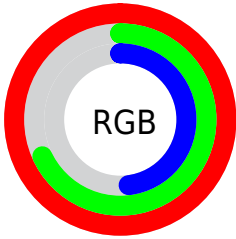
Format	Color
R _Y B	255, 205, 122
Decimal	16756090
CIE Lab	77.61, 24.70, 38.29
CIE LCh	78, 45.563, 57.171
Yxy	52.5523, 0.4337, 0.3818
Android (android.graphics.Color)	4294946170 (0xFFFFAD7A)
YUV	191.7040, -34.3641, 55.5106
Hunter-Lab	72.4930, 20.1272, 29.9750

Details

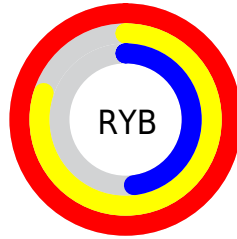
The Yxy color **52.5523, 0.4337, 0.3818** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **54.5168, 0.2327, 0.2662**, and the grayscale version is **52.7049, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.3938, 0.3677, 0.3839**, and **25.5029, 0.4651, 0.3903** is the 20% darker color. If you saturate the color by 10%, you get **46.3255, 0.4662, 0.3893**, and if you desaturate by 10%, it is **59.6567, 0.4037, 0.3723**.

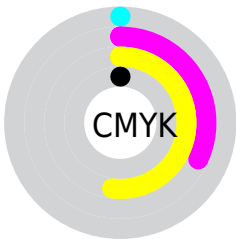
Distribution



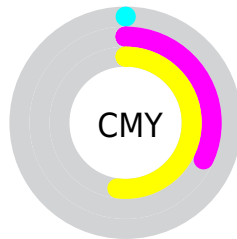
- Red (100%)
- Green (68%)
- Blue (48%)



- Red (100%)
- Yellow (80%)
- Blue (48%)



- Cyan (0%)
- Magenta (32%)
- Yellow (52%)
- Black (0%)





- Cyan (0%)
- Magenta (32%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.5523, 0.4337, 0.3818 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 52.5523, 0.4337, 0.3818 by changing the saturation by 10% instead.


 52.5523, 0.4337,
0.3818

 52.5523, 0.4337,
0.3818


396.5651, 0.3747,
0.3595


 37.4455, 0.4476,
0.3860


 93.9453, 0.4128,
0.3747

 25.5526, 0.4647,
0.3905


 121.0002, 0.4048,
0.3717

 16.4892, 0.4864,
0.3950


 152.8066, 0.3979,
0.3691

 9.8710, 0.5140,
0.3987

189.7490, 0.3920,
0.3667

 5.3135, 0.5508,
0.4001

232.2116, 0.3868,
0.3646

 2.4324, 0.6038,
0.3962

280.5789, 0.3823,

 0.8425, 0.6461,

0.3627

0.3539

335.2353, 0.3783,
0.3610

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.5523, 0.4337,
0.3818

52.5523, 0.4337,
0.3818

46.3255, 0.4662,
0.3893

59.6567, 0.4037,
0.3723

40.9343, 0.4997,
0.3935

67.6695, 0.3769,
0.3619

36.3390, 0.5318,
0.3930

76.6252, 0.3535,
0.3512

32.4934, 0.5596,
0.3873

86.5548, 0.3333,
0.3409

■ 29.9664, 0.5776,
0.3796

■ 97.4880, 0.3161,
0.3310

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



52.5523, 0.4242, 0.3349



52.5523, 0.4337, 0.3818



52.5523, 0.4079, 0.4220

Triad

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



52.5523, 0.4337, 0.3818



52.5523, 0.2451, 0.3693



52.5523, 0.2608, 0.2360

Complementary

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



52.5523, 0.4337, 0.3818



54.5168, 0.2327, 0.2662

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.



52.5523, 0.2210, 0.2365



52.5523, 0.4337, 0.3818



52.5523, 0.2123, 0.3069

Square

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



52.5523, 0.4337, 0.3818



52.5523, 0.2978, 0.4226



52.5523, 0.2043, 0.2598



52.5523, 0.3185, 0.2553

Rectangle

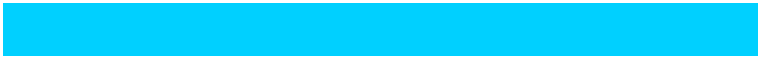
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52.5523, 0.4337, 0.3818



52.5523, 0.3761, 0.4381



52.5523, 0.2043, 0.2598



52.5523, 0.2452, 0.2338

Sweetspot

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



52.5538, 0.4337, 0.3818



82.6383, 0.3407, 0.3448



39.5283, 0.3687, 0.2466



17.2499, 0.3448, 0.3469



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.



52.5538, 0.4337, 0.3818



45.8488, 0.4690, 0.3898



84.6776, 0.3963, 0.4429



19.1296, 0.3285, 0.3382



15.9245, 0.5746, 0.3820



1.7541, 0.5534, 0.3988

Inverse Universe

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



54.5168, 0.2327, 0.2662



47.9165, 0.2186, 0.2503



29.3823, 0.2154, 0.1804



19.2421, 0.2979, 0.3197



16.6980, 0.1883, 0.1978



1.8374, 0.1929, 0.2144

Previews

White Background



This preview shows how the Yxy color 52.5523, 0.4337, 0.3818 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 52.5523, 0.4337, 0.3818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

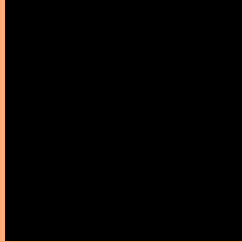
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.5523, 0.4337, 0.3818

Background



This preview shows how black text looks on a background with the Yxy color 52.5523, 0.4337, 0.3818.



This preview shows how white text looks on a background with the Yxy color 52.5523, 0.4337, 0.3818.

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

52.5523, 0.4337, 0.3818

Protanopia

52.7209, 0.3751, 0.4045

Deuteranopia

52.7929, 0.4085, 0.4008



Tritanopia

52.5199, 0.3833, 0.3176

Trichromacy



Original Color

52.5523, 0.4337, 0.3818



Protanomaly

52.2378, 0.3961, 0.3961



Deuteranomaly

52.5483, 0.4171, 0.3935



Tritanomaly

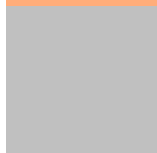
52.4781, 0.4026, 0.3419

Monochromacy



Original Color

52.5523, 0.4337, 0.3818



Achromatopsia

52.7115, 0.3127, 0.3290



Achromatomaly

51.9350, 0.3534, 0.3507

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5523, 0.4337, 0.3818 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, 173, 122)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 122)  
}
```

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, 173, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 122) }
```

Border

The CSS property to change the border of an element to Yxy 52.5523, 0.4337, 0.3818 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, 173, 122) }
```

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

```
.border{ border-color:rgb(255, 173, 122) }
```

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

Here you see how a box with a 4 pixel rgb(255, 173, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 122);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5523, 0.4337, 0.3818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 173, 122) }
```

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

```
.background{ background-color: rgb(255,  
173, 122) }
```

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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