

Converting Colors

$Yxy(58.8223, 0.4553, 0.3699)$

Have a look what the booklet for
Yxy(58.8223, 0.4553, 0.3699)
contains.

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Color

Yxy(52.3236, 0.4291, 0.3749)

Conversions

Conversions Part 1

Format	Color
Hex	FFAC80
RGB	255, 172, 128
RGB Percent	100%, 67%, 50%
CMY	0.0000, 0.3255, 0.4981
CMYK	0.00, 0.33, 0.50, 0.00
HSL	21°, 100%, 75%
HSV	21°, 50%, 100%
XYZ	59.8881, 52.3236, 27.3551
YIQ	191.8010, 63.5920, 3.9120

Conversions

Conversions Part 2

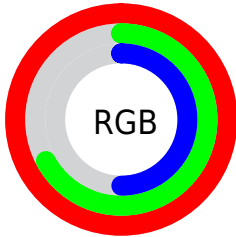
Format	Color
R _Y B	255, 195, 128
Decimal	16755840
CIE Lab	77.47, 25.75, 34.96
CIE LCh	77, 43.420, 53.632
Yxy	52.3236, 0.4291, 0.3749
Android (android.graphics.Color)	4294945920 (0xFFFFAC80)
YUV	191.8010, -31.4539, 55.4255
Hunter-Lab	72.3351, 21.1986, 28.2127

Details

The Yxy color **52.3236, 0.4291, 0.3749** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **58.3783, 0.2371, 0.2756**, and the grayscale version is **52.7492, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.0830, 0.3639, 0.3769**, and **25.3458, 0.4596, 0.3822** is the 20% darker color. If you saturate the color by 10%, you get **45.7871, 0.4626, 0.3821**, and if you desaturate by 10%, it is **59.8280, 0.3987, 0.3661**.

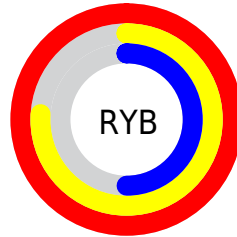
Distribution



Red (100%)

Green (67%)

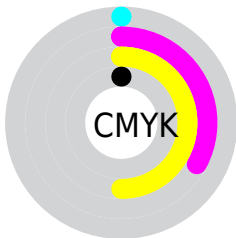
Blue (50%)



Red (100%)

Yellow (76%)

Blue (50%)

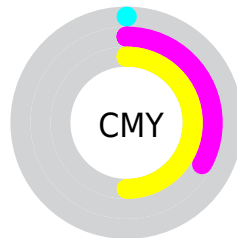


Cyan (0%)

Magenta (33%)

Yellow (50%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.3236, 0.4291, 0.3749 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 52.3236, 0.4291, 0.3749 by changing the saturation by 10% instead.


 52.3236, 0.4291,
0.3749


 52.3236, 0.4291,
0.3749


395.6846, 0.3720,
0.3555

 37.2631, 0.4427,
0.3785


 93.6083, 0.4088,
0.3688

 25.4112, 0.4595,
0.3824


 120.6013, 0.4010,
0.3662

 16.3837, 0.4810,
0.3864


 152.3405, 0.3944,
0.3639

 9.7961, 0.5088,
0.3897


189.2104, 0.3887,
0.3619

 5.2640, 0.5456,
0.3901

231.5954, 0.3837,
0.3600

 2.4030, 0.6087,
0.3913

279.8798, 0.3794,

 0.8274, 0.6527,

0.3584

0.3473

334.4481, 0.3755,
0.3569

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.3236, 0.4291,
0.3749

52.3236, 0.4291,
0.3749

45.7871, 0.4626,
0.3821

59.8280, 0.3987,
0.3661

40.1701, 0.4979,
0.3863

68.3333, 0.3719,
0.3565

35.4288, 0.5323,
0.3864

77.8787, 0.3488,
0.3469

31.5124, 0.5629,
0.3813

88.4991, 0.3291,
0.3376

■ 28.3570, 0.5872,
0.3718

100.0000, 0.3127,
0.3290

■ 28.3049, 0.5877,
0.3716

Harmonies

Analogous

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



52.3236, 0.4156, 0.3297



52.3236, 0.4291, 0.3749



52.3236, 0.4083, 0.4145

Triad

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



52.3236, 0.4291, 0.3749



52.3236, 0.2533, 0.3744



52.3236, 0.2576, 0.2387

Complementary

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



52.3236, 0.4291, 0.3749



58.3783, 0.2371, 0.2756

Split Complementary

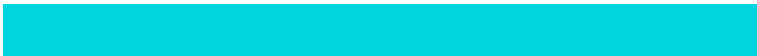
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



52.3236, 0.2217, 0.2418



52.3236, 0.4291, 0.3749



52.3236, 0.2190, 0.3148

Square

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



52.3236, 0.4291, 0.3749



52.3236, 0.3055, 0.4220



52.3236, 0.2084, 0.2672



52.3236, 0.3113, 0.2552

Rectangle

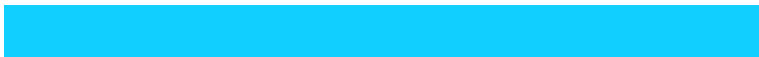
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52.3236, 0.4291, 0.3749



52.3236, 0.3796, 0.4314



52.3236, 0.2084, 0.2672



52.3236, 0.2433, 0.2374

Sweetspot

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



52.3257, 0.4291, 0.3749



82.8557, 0.3389, 0.3423



41.4779, 0.3585, 0.2441



17.2615, 0.3432, 0.3443



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.



52.3257, 0.4291, 0.3749



45.6748, 0.4633, 0.3822



81.5660, 0.3957, 0.4332



19.0167, 0.3286, 0.3373



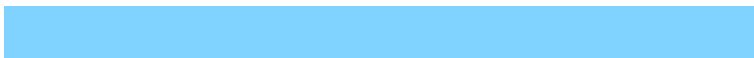
15.0401, 0.5847, 0.3740



1.6592, 0.5629, 0.3913

Inverse Universe

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



58.3783, 0.2371, 0.2756



52.2678, 0.2240, 0.2623



33.3475, 0.2217, 0.1960



19.3591, 0.2980, 0.3206



18.4277, 0.1920, 0.2111



1.9986, 0.1961, 0.2261

Previews

White Background



This preview shows how the Yxy color 52.3236, 0.4291, 0.3749 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 52.3236, 0.4291, 0.3749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

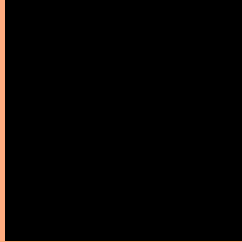
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.3236, 0.4291, 0.3749

Background



This preview shows how black text looks on a background with the Yxy color 52.3236, 0.4291, 0.3749.



This preview shows how white text looks on a background with the Yxy color 52.3236, 0.4291, 0.3749.

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

52.3236, 0.4291, 0.3749

Protanopia

52.7422, 0.3696, 0.3976

Deuteranopia

52.1963, 0.4024, 0.3938



Tritanopia

52.1521, 0.3836, 0.3166

Trichromacy



Original Color

52.3236, 0.4291, 0.3749

Protanomaly

52.2387, 0.3902, 0.3896

Deuteranomaly

52.1232, 0.4118, 0.3864

Tritanomaly

52.1740, 0.4011, 0.3387

Monochromacy



Original Color

52.3236, 0.4291, 0.3749

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.0096, 0.3518, 0.3482

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3236, 0.4291, 0.3749 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, 128)` looks like.

```
.text, #text, p{  
    color:rgb(255, 172, 128)  
}
```

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, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 172, 128) }
```

Border

The CSS property to change the border of an element to Yxy 52.3236, 0.4291, 0.3749 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, 128) }
```

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

```
.border{ border-color:rgb(255, 172, 128) }
```

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, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 172, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 172, 128);  
box-shadow:4px 4px 4px 4px rgb(255, 172,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3236, 0.4291, 0.3749 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, 128) }
```

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

```
.background{ background-color: rgb(255,  
172, 128) }
```

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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