

Converting Colors

$Y_{xy}(65.5416, 0.4941, 0.3552)$

Have a look what the booklet for
Yxy(65.5416, 0.4941, 0.3552)
contains.

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Color

Yxy(48.2820, 0.4365, 0.3645)

Conversions

Conversions Part 1

Format	Color
Hex	FFA17F
RGB	255, 161, 127
RGB Percent	100%, 63%, 50%
CMY	0.0000, 0.3686, 0.5019
CMYK	0.00, 0.37, 0.50, 0.00
HSL	16°, 100%, 75%
HSV	16°, 50%, 100%
XYZ	57.8192, 48.2820, 26.3597
YIQ	185.2300, 66.9380, 9.3540

Conversions

Conversions Part 2

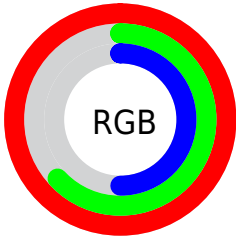
Format	Color
R_{YB}	255, 173, 127
Decimal	16753023
CIE _{Lab}	75.00, 31.41, 32.25
CIE _{LCh}	75, 45.016, 45.762
Yxy	48.2820, 0.4365, 0.3645
Android (android.graphics.Color)	4294943103 (0xFFFFA17F)
YUV	185.2300, -28.7074, 61.1883
Hunter-Lab	69.4853, 26.9320, 26.1476

Details

The Yxy color **48.2820, 0.4365, 0.3645** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **63.4616, 0.2392, 0.2882**, and the grayscale version is **48.7866, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.6670, 0.3680, 0.3661**, and **22.8630, 0.4714, 0.3690** is the 20% darker color. If you saturate the color by 10%, you get **41.6364, 0.4734, 0.3696**, and if you desaturate by 10%, it is **56.0784, 0.4034, 0.3578**.

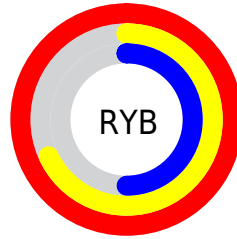
Distribution



Red (100%)

Green (63%)

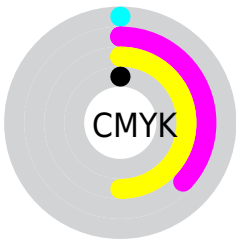
Blue (50%)



Red (100%)

Yellow (68%)

Blue (50%)

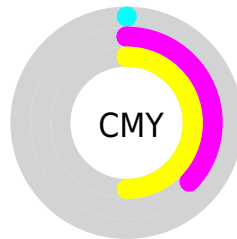


Cyan (0%)

Magenta (37%)

Yellow (50%)

Black (0%)



Cyan (0%)


Magenta (37%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.2820, 0.4365, 0.3645 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 48.2820, 0.4365, 0.3645 by changing the saturation by 10% instead.


 48.2820, 0.4365,
0.3645

 48.2820, 0.4365,
0.3645


379.9088, 0.3748,
0.3503


 34.0503, 0.4515,
0.3668


 87.6241, 0.4143,
0.3602

 22.9322, 0.4703,
0.3691


 113.5033, 0.4059,
0.3583

 14.5435, 0.4945,
0.3709


 144.0337, 0.3987,
0.3566

 8.4996, 0.5264,
0.3710

179.5999, 0.3926,
0.3551

 4.4163, 0.5699,
0.3671

220.5860, 0.3873,
0.3537

 1.9090, 0.6416,
0.3584

267.3766, 0.3826,

 0.5538, 0.7134,

0.3525

0.2866

320.3561, 0.3784,
0.3513

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 48.2820, 0.4365,
0.3645

■ 48.2820, 0.4365,
0.3645

■ 41.6364, 0.4734,
0.3696

■ 56.0784, 0.4034,
0.3578

■ 36.0823, 0.5125,
0.3721

■ 65.0750, 0.3747,
0.3505

■ 31.5591, 0.5505,
0.3708

■ 75.3219, 0.3504,
0.3430

■ 27.9984, 0.5833,
0.3650

■ 86.8652, 0.3300,
0.3359

■ 25.3574, 0.6075,
0.3558

99.7487, 0.3130,
0.3291

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.



48.2820, 0.4125, 0.3170



48.2820, 0.4365, 0.3645



48.2820, 0.4230, 0.4094

Triad

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



48.2820, 0.4365, 0.3645



48.2820, 0.2625, 0.3935



48.2820, 0.2421, 0.2323

Complementary

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



48.2820, 0.4365, 0.3645



63.4616, 0.2392, 0.2882

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.



48.2820, 0.2104, 0.2412



48.2820, 0.4365, 0.3645



48.2820, 0.2206, 0.3297

Square

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



48.2820, 0.4365, 0.3645



48.2820, 0.3206, 0.4363



48.2820, 0.2029, 0.2741



48.2820, 0.2948, 0.2447

Rectangle

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



48.2820, 0.4365, 0.3645



48.2820, 0.3965, 0.4319



48.2820, 0.2029, 0.2741



48.2820, 0.2290, 0.2327

Sweetspot

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



48.2830, 0.4365, 0.3645



81.1425, 0.3394, 0.3393



41.7741, 0.3481, 0.2340



16.8522, 0.3438, 0.3408



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.



48.2830, 0.4365, 0.3645



41.7493, 0.4727, 0.3696



75.5721, 0.4016, 0.4247



18.7712, 0.3288, 0.3354



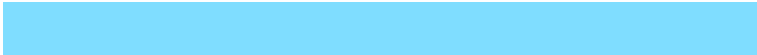
13.4565, 0.6047, 0.3581



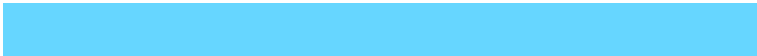
1.4802, 0.5828, 0.3755

Inverse Universe

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



63.4616, 0.2392, 0.2882



58.3322, 0.2277, 0.2786



36.5377, 0.2236, 0.2084



19.6175, 0.2980, 0.3225



22.6691, 0.2001, 0.2402



2.3865, 0.2032, 0.2516

Previews

White Background



This preview shows how the Yxy color 48.2820, 0.4365, 0.3645 looks on a white background.

Color Contrast Check

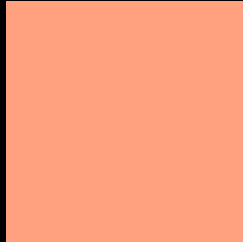
Large Text (above 18pt) WCAG AA × Fail

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 48.2820, 0.4365, 0.3645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

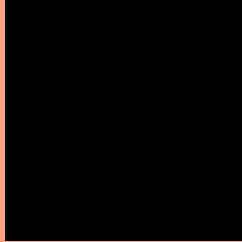
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.2820, 0.4365, 0.3645

Background



This preview shows how black text looks on a background with the Yxy color 48.2820, 0.4365, 0.3645.



This preview shows how white text looks on a background with the Yxy color 48.2820, 0.4365, 0.3645.

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

48.2820, 0.4365, 0.3645

Protanopia

48.5098, 0.3632, 0.3902

Deuteranopia

48.4291, 0.4000, 0.3914



Tritanopia

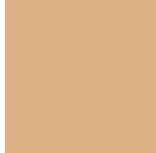
48.2011, 0.3978, 0.3177

Trichromacy



Original Color

48.2820, 0.4365, 0.3645



Protanomaly

47.8042, 0.3899, 0.3806



Deuteranomaly

48.0989, 0.4135, 0.3810



Tritanomaly

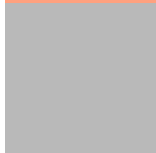
48.0136, 0.4126, 0.3346

Monochromacy



Original Color

48.2820, 0.4365, 0.3645



Achromatopsia

48.5150, 0.3127, 0.3290



Achromatomaly

47.4326, 0.3538, 0.3439

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.2820, 0.4365, 0.3645 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, 161, 127)` looks like.

```
.text, #text, p{  
    color:rgb(255, 161, 127)  
}
```

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, 161, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 161, 127) }
```

Border

The CSS property to change the border of an element to Yxy 48.2820, 0.4365, 0.3645 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, 161, 127) }
```

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

```
.border{ border-color:rgb(255, 161, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 161, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 161, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 161, 127);  
box-shadow:4px 4px 4px 4px rgb(255, 161,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 48.2820, 0.4365, 0.3645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 161, 127) }
```

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

```
.background{ background-color: rgb(255,  
161, 127) }
```

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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