

Converting Colors

Yxy(50.5641, 0.4323, 0.3706)

Have a look what the booklet for
Yxy(50.5641, 0.4323, 0.3706)
contains.

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Color

Yxy(50.4297, 0.4329, 0.3707)

Conversions

Conversions Part 1

Format	Color
Hex	FFA77F
RGB	255, 167, 127
RGB Percent	100%, 65%, 50%
CMY	0.0000, 0.3451, 0.5018
CMYK	0.00, 0.35, 0.50, 0.00
HSL	19°, 100%, 75%
HSV	19°, 50%, 100%
XYZ	58.8913, 50.4297, 26.7181
YIQ	188.7520, 65.2880, 6.2160

Conversions

Conversions Part 2

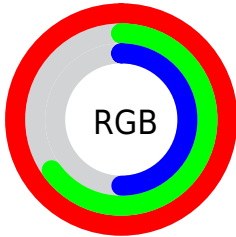
Format	Color
R_{YB}	255, 185, 127
Decimal	16754559
CIE _{Lab}	76.33, 28.28, 33.98
CIE _{LCh}	76, 44.207, 50.237
Yxy	50.4297, 0.4329, 0.3707
Android (android.graphics.Color)	4294944639 (0xFFFFA77F)
YUV	188.7520, -30.4437, 58.0995
Hunter-Lab	71.0139, 23.7546, 27.4026

Details

The Yxy color **50.4297, 0.4329, 0.3707** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **60.3479, 0.2377, 0.2807**, and the grayscale version is **50.8915, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.3306, 0.3660, 0.3730**, and **24.1726, 0.4655, 0.3768** is the 20% darker color. If you saturate the color by 10%, you get **43.8538, 0.4679, 0.3770**, and if you desaturate by 10%, it is **58.0495, 0.4013, 0.3628**.

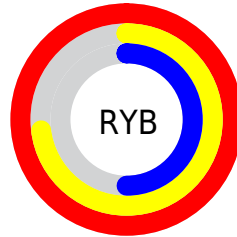
Distribution



Red (100%)

Green (65%)

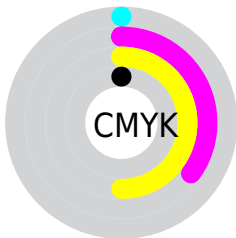
Blue (50%)



Red (100%)

Yellow (73%)

Blue (50%)

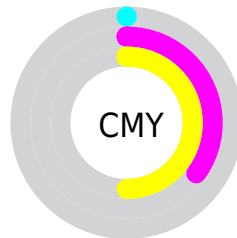


Cyan (0%)

Magenta (35%)

Yellow (50%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.4297, 0.4329, 0.3707 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 50.4297, 0.4329, 0.3707 by changing the saturation by 10% instead.


 50.4297, 0.4329,
0.3707


 50.4297, 0.4329,
0.3707


388.3440, 0.3735,
0.3534


 35.7549, 0.4471,
0.3738


 90.8112, 0.4117,
0.3653

 24.2450, 0.4649,
0.3770


 117.2868, 0.4036,
0.3630

 15.5155, 0.4877,
0.3800


 148.4647, 0.3967,
0.3610

 9.1819, 0.5173,
0.3819

184.7294, 0.3908,
0.3592

 4.8600, 0.5571,
0.3804

226.4653, 0.3856,
0.3575

 2.1654, 0.6233,
0.3767

274.0568, 0.3811,

 0.7010, 0.6769,

0.3560

0.3231

327.8882, 0.3771,
0.3547

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.4297, 0.4329,
0.3707

50.4297, 0.4329,
0.3707

43.8538, 0.4679,
0.3770

58.0495, 0.4013,
0.3628

38.2672, 0.5048,
0.3804

66.7508, 0.3736,
0.3542

33.6201, 0.5408,
0.3797

76.5776, 0.3499,
0.3455

29.8550, 0.5723,
0.3741

87.5693, 0.3299,
0.3370

■ 26.9470, 0.5965,
0.3646

99.7633, 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.



50.4297, 0.4150, 0.3243



50.4297, 0.4329, 0.3707



50.4297, 0.4150, 0.4128

Triad

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



50.4297, 0.4329, 0.3707



50.4297, 0.2569, 0.3826



50.4297, 0.2507, 0.2356

Complementary

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



50.4297, 0.4329, 0.3707



60.3479, 0.2377, 0.2807

Split Complementary

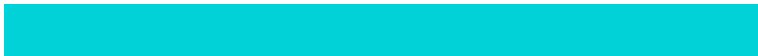
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



50.4297, 0.2165, 0.2411



50.4297, 0.4329, 0.3707



50.4297, 0.2192, 0.3208

Square

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



50.4297, 0.4329, 0.3707



50.4297, 0.3117, 0.4287



50.4297, 0.2055, 0.2697



50.4297, 0.3043, 0.2504

Rectangle

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



50.4297, 0.4329, 0.3707



50.4297, 0.3870, 0.4323



50.4297, 0.2055, 0.2697



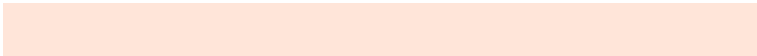
50.4297, 0.2368, 0.2350

Sweetspot

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



50.4320, 0.4329, 0.3707



82.1286, 0.3391, 0.3410



41.4357, 0.3546, 0.2397



17.0876, 0.3434, 0.3428



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.



50.4320, 0.4329, 0.3707



43.9661, 0.4673, 0.3769



79.0565, 0.3984, 0.4302



18.9127, 0.3287, 0.3365



14.3135, 0.5935, 0.3669



1.5789, 0.5714, 0.3845

Inverse Universe

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



60.3479, 0.2377, 0.2807



54.7706, 0.2256, 0.2692



34.3936, 0.2220, 0.2002



19.4679, 0.2980, 0.3214



20.1421, 0.1954, 0.2234



2.1565, 0.1991, 0.2369

Previews

White Background



This preview shows how the Yxy color 50.4297, 0.4329, 0.3707 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 50.4297, 0.4329, 0.3707 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 50.4297, 0.4329, 0.3707

Background



This preview shows how black text looks on a background with the Yxy color 50.4297, 0.4329, 0.3707.



This preview shows how white text looks on a background with the Yxy color 50.4297, 0.4329, 0.3707.

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

50.4297, 0.4329, 0.3707

Protanopia

50.8693, 0.3671, 0.3951

Deuteranopia

50.4286, 0.4030, 0.3935



Tritanopia

50.5104, 0.3898, 0.3176

Trichromacy



Original Color

50.4297, 0.4329, 0.3707

Protanomaly

50.2708, 0.3903, 0.3856

Deuteranomaly

50.1451, 0.4140, 0.3847

Tritanomaly

50.2452, 0.4060, 0.3367

Monochromacy



Original Color

50.4297, 0.4329, 0.3707

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

49.9471, 0.3535, 0.3473

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.4297, 0.4329, 0.3707 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, 167, 127)` looks like.

```
.text, #text, p{  
    color:rgb(255, 167, 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, 167, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 167, 127) }
```

Border

The CSS property to change the border of an element to Yxy 50.4297, 0.4329, 0.3707 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, 167, 127) }
```

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

```
.border{ border-color:rgb(255, 167, 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, 167, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 167, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 167, 127);  
box-shadow:4px 4px 4px 4px rgb(255, 167,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 50.4297, 0.4329, 0.3707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 167, 127) }
```

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

```
.background{ background-color: rgb(255,  
167, 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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