

Converting Colors

$Y_{xy}(42.1875, 0.4669, 0.3849)$

Have a look what the booklet for
Yxy(42.1875, 0.4669, 0.3849)
contains.

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Color

Yxy(42.0953, 0.4672, 0.3844)

Conversions

Conversions Part 1

Format	Color
Hex	F7955F
RGB	247, 149, 95
RGB Percent	97%, 58%, 37%
CMY	0.0315, 0.4156, 0.6275
CMYK	0.00, 0.40, 0.62, 0.03
HSL	21°, 90%, 67%
HSV	21°, 62%, 97%
XYZ	51.1627, 42.0953, 16.2512
YIQ	172.1460, 75.7420, 3.9820

Conversions

Conversions Part 2

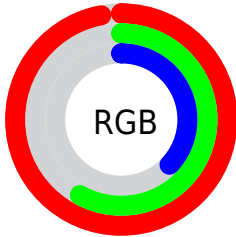
Format	Color
R_{YB}	247, 179, 95
Decimal	16225631
CIE _{Lab}	70.94, 32.01, 43.80
CIE _{LCh}	71, 54.249, 53.845
Yxy	42.0953, 0.4672, 0.3844
Android (android.graphics.Color)	4294415711 (0xFFFF7955F)
YUV	172.1460, -38.0330, 65.6470
Hunter-Lab	64.8809, 27.2169, 30.5659

Details

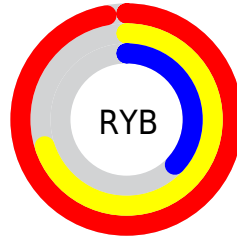
The Yxy color **42.0953, 0.4672, 0.3844** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **47.2551, 0.2219, 0.2586**, and the grayscale version is **41.5017, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.5523, 0.3971, 0.3880**, and **19.1857, 0.5088, 0.3902** is the 20% darker color. If you saturate the color by 10%, you get **37.0195, 0.5020, 0.3883**, and if you desaturate by 10%, it is **48.0060, 0.4337, 0.3774**.

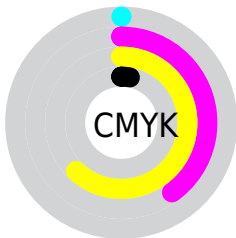
Distribution



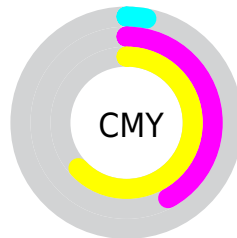
- Red (97%)
- Green (58%)
- Blue (37%)



- Red (97%)
- Yellow (70%)
- Blue (37%)



- Cyan (0%)
- Magenta (40%)
- Yellow (62%)
- Black (3%)



- Cyan (3%)
- Magenta (42%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.0953, 0.4672, 0.3844 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 42.0953, 0.4672, 0.3844 by changing the saturation by 10% instead.


 42.0953, 0.4672,
0.3844

 42.0953, 0.4672,
0.3844


354.8778, 0.3897,
0.3624

 29.1759, 0.4856,
0.3876


 78.3438, 0.4395,
0.3781


 19.2139, 0.5084,
0.3901


 102.4418, 0.4289,
0.3752

 11.8250, 0.5367,
0.3910


 131.0347, 0.4199,
0.3725

 6.6246, 0.5729,
0.3880

 164.5070, 0.4122,
0.3701

 3.2285, 0.6222,
0.3778

203.2431, 0.4054,
0.3679

 1.2521, 0.6636,
0.3364

247.6273, 0.3995,

 0.1037, 0.8946,

0.3659

0.1054

298.0441, 0.3943,
0.3641

0.0000, 0.0000,
0.0000

42.0953, 0.4672,
0.3844

42.0953, 0.4672,
0.3844

37.0195, 0.5020,
0.3883

48.0060, 0.4337,
0.3774

32.7305, 0.5356,
0.3877

54.7834, 0.4030,
0.3686


29.1838, 0.5649,
0.3819

62.4654, 0.3759,
0.3588

26.7175, 0.5850,
0.3737

71.0854, 0.3524,
0.3490

80.6751, 0.3322,
0.3394

 91.2646, 0.3151,
0.3303

 98.5088, 0.3078,
0.3290

Harmonies

Analogous

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



42.0953, 0.4514, 0.3270



42.0953, 0.4672, 0.3844



42.0953, 0.4364, 0.4384

Triad

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



42.0953, 0.4672, 0.3844



42.0953, 0.2326, 0.3901



42.0953, 0.2401, 0.2130

Complementary

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



42.0953, 0.4672, 0.3844



47.2551, 0.2219, 0.2586

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.



42.0953, 0.1952, 0.2153



42.0953, 0.4672, 0.3844



42.0953, 0.1904, 0.3067

Square

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



42.0953, 0.4672, 0.3844



42.0953, 0.2997, 0.4578



42.0953, 0.1784, 0.2453



42.0953, 0.3101, 0.2342

Rectangle

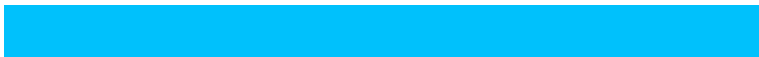
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



42.0953, 0.4672, 0.3844



42.0953, 0.3973, 0.4646



42.0953, 0.1784, 0.2453



42.0953, 0.2221, 0.2110

Sweetspot

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



42.0975, 0.4672, 0.3844



79.9462, 0.3449, 0.3456



31.8355, 0.3771, 0.2302



16.4878, 0.3511, 0.3484



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.



42.0975, 0.4672, 0.3844



38.5399, 0.5109, 0.3886



73.9990, 0.4125, 0.4549



17.4466, 0.3285, 0.3375



14.3762, 0.5820, 0.3761



1.4501, 0.5581, 0.3951

Inverse Universe

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



47.2551, 0.2219, 0.2586



44.3151, 0.2083, 0.2412



22.0515, 0.1986, 0.1567



17.7085, 0.2980, 0.3204



16.9756, 0.1912, 0.2081



1.6854, 0.1958, 0.2250

Previews

White Background



This preview shows how the Yxy color 42.0953, 0.4672, 0.3844 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 42.0953, 0.4672, 0.3844 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 42.0953, 0.4672, 0.3844

Background



This preview shows how black text looks on a background with the Yxy color 42.0953, 0.4672, 0.3844.



This preview shows how white text looks on a background with the Yxy color 42.0953, 0.4672, 0.3844.

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

42.0953, 0.4672, 0.3844

Protanopia

42.2187, 0.3876, 0.4210

Deuteranopia

42.1739, 0.4258, 0.4179



Tritanopia

42.1222, 0.4170, 0.3187

Trichromacy



Original Color

42.0953, 0.4672, 0.3844

Protanomaly

41.6987, 0.4164, 0.4069

Deuteranomaly

41.9219, 0.4410, 0.4059

Tritanomaly

42.2135, 0.4374, 0.3442

Monochromacy



Original Color

42.0953, 0.4672, 0.3844

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.7066, 0.3653, 0.3552

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.0953, 0.4672, 0.3844 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(247, 149, 95)` looks like.

```
.text, #text, p{  
    color:rgb(247, 149, 95)  
}
```

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(247, 149, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 149, 95) }
```

Border

The CSS property to change the border of an element to Yxy 42.0953, 0.4672, 0.3844 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(247, 149, 95) }
```

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

```
.border{ border-color:rgb(247, 149, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 149, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 149, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 149, 95);  
box-shadow:4px 4px 4px 4px rgb(247, 149,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 42.0953, 0.4672, 0.3844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 149, 95) }
```

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

```
.background{ background-color: rgb(247,  
149, 95) }
```

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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