

Converting Colors

$Y_{xy}(42.6224, 0.4553, 0.3664)$

Have a look what the booklet for
Yxy(42.6224, 0.4553, 0.3664)
contains.

Yxy(42.6737, 0.4548, 0.3666)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(42.6737, 0.4548, 0.3666)

Conversions

Conversions Part 1

Format	Color
Hex	FA9470
RGB	250, 148, 112
RGB Percent	98%, 58%, 44%
CMY	0.0196, 0.4196, 0.5606
CMYK	0.00, 0.41, 0.55, 0.02
HSL	16°, 93%, 71%
HSV	16°, 55%, 98%
XYZ	52.9405, 42.6737, 20.7898
YIQ	174.3940, 72.3480, 10.4280

Conversions

Conversions Part 2

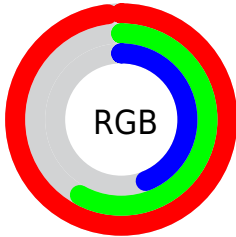
Format	Color
R _Y B	250, 161, 112
Decimal	16422000
CIE Lab	71.33, 34.95, 35.41
CIE LCh	71, 49.754, 45.369
Yxy	42.6737, 0.4548, 0.3666
Android (android.graphics.Color)	4294612080 (0xFFFA9470)
YUV	174.3940, -30.7602, 66.3065
Hunter-Lab	65.3251, 30.3404, 26.8585

Details

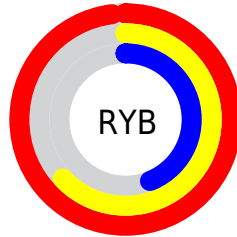
The Yxy color **42.6737, 0.4548, 0.3666** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **58.4643, 0.2334, 0.2843**, and the grayscale version is **42.6775, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.6522, 0.3844, 0.3697**, and **19.5434, 0.4945, 0.3708** is the 20% darker color. If you saturate the color by 10%, you get **36.8507, 0.4933, 0.3705**, and if you desaturate by 10%, it is **49.5816, 0.4195, 0.3607**.

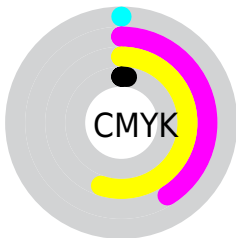
Distribution



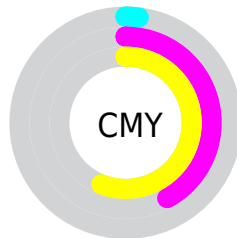
- Red (98%)
- Green (58%)
- Blue (44%)



- Red (98%)
- Yellow (63%)
- Blue (44%)



- Cyan (0%)
- Magenta (41%)
- Yellow (55%)
- Black (2%)




- Cyan (2%)
- Magenta (42%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.6737, 0.4548, 0.3666 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 42.6737, 0.4548, 0.3666 by changing the saturation by 10% instead.


 42.6737, 0.4548,
0.3666

 42.6737, 0.4548,
0.3666


357.2681, 0.3828,
0.3522


 29.6292, 0.4725,
0.3686


 79.2182, 0.4287,
0.3625

 19.5573, 0.4947,
0.3700


 103.4870, 0.4189,
0.3606

 12.0737, 0.5233,
0.3702


 132.2660, 0.4105,
0.3589

 6.7939, 0.5605,
0.3670

 165.9397, 0.4034,
0.3573

 3.3335, 0.6249,
0.3646

204.8923, 0.3972,
0.3558

 1.3082, 0.6745,
0.3255

249.5083, 0.3918,

 0.1476, 0.8717,

0.3545

0.1283

300.1721, 0.3870,
0.3533

0.0000, 0.0000,
0.0000

42.6737, 0.4548,
0.3666

42.6737, 0.4548,
0.3666

36.8507, 0.4933,
0.3705

49.5816, 0.4195,
0.3607

32.0490, 0.5325,
0.3711

57.6203, 0.3885,
0.3537

28.2081, 0.5686,
0.3676

66.8411, 0.3620,
0.3464

25.2572, 0.5974,
0.3597

77.2900, 0.3398,
0.3392

24.1227, 0.6084,
0.3551

89.0105, 0.3211,
0.3324

99.0636, 0.3096,
0.3290

Harmonies

Analogous

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



42.6737, 0.4271, 0.3136



42.6737, 0.4548, 0.3666



42.6737, 0.4386, 0.4181

Triad

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



42.6737, 0.4548, 0.3666



42.6737, 0.2554, 0.4051



42.6737, 0.2316, 0.2198

Complementary

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



42.6737, 0.4548, 0.3666



58.4643, 0.2334, 0.2843

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.



42.6737, 0.1968, 0.2293



42.6737, 0.4548, 0.3666



42.6737, 0.2082, 0.3298

Square

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



42.6737, 0.4548, 0.3666



42.6737, 0.3213, 0.4546



42.6737, 0.1886, 0.2659



42.6737, 0.2907, 0.2336

Rectangle

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



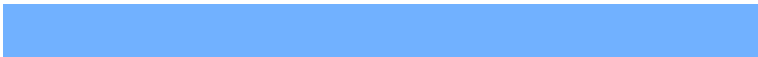
42.6737, 0.4548, 0.3666



42.6737, 0.4079, 0.4455



42.6737, 0.1886, 0.2659



42.6737, 0.2171, 0.2202

Sweetspot

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



42.6759, 0.4548, 0.3666



78.7439, 0.3436, 0.3405



36.8553, 0.3528, 0.2259



16.3718, 0.3479, 0.3419



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.



42.6759, 0.4548, 0.3666



38.0597, 0.4968, 0.3707



70.3558, 0.4109, 0.4328



17.9607, 0.3287, 0.3352



12.9925, 0.6056, 0.3574



1.3676, 0.5826, 0.3756

Inverse Universe

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



58.4643, 0.2334, 0.2843



55.8866, 0.2218, 0.2737



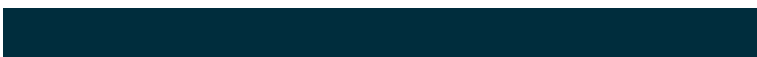
31.0735, 0.2144, 0.1942



18.7979, 0.2980, 0.3227



22.2761, 0.2006, 0.2420



2.2349, 0.2038, 0.2537

Previews

White Background



This preview shows how the Yxy color 42.6737, 0.4548, 0.3666 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 42.6737, 0.4548, 0.3666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

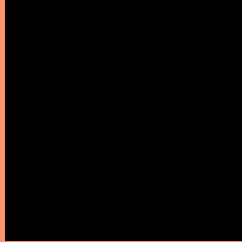
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.6737, 0.4548, 0.3666

Background



This preview shows how black text looks on a background with the Yxy color 42.6737, 0.4548, 0.3666.



This preview shows how white text looks on a background with the Yxy color 42.6737, 0.4548, 0.3666.

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

42.6737, 0.4548, 0.3666

Protanopia

42.9088, 0.3703, 0.3983

Deuteranopia

42.7172, 0.4100, 0.4010



Tritanopia

42.8275, 0.4174, 0.3188

Trichromacy



Original Color

42.6737, 0.4548, 0.3666

Protanomaly

42.0911, 0.4004, 0.3861

Deuteranomaly

42.4145, 0.4272, 0.3880

Tritanomaly

42.7812, 0.4318, 0.3367

Monochromacy



Original Color

42.6737, 0.4548, 0.3666

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.7012, 0.3612, 0.3471

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.6737, 0.4548, 0.3666 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(250, 148, 112)` looks like.

```
.text, #text, p{  
    color:rgb(250, 148, 112)  
}
```

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(250, 148, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 148, 112) }
```

Border

The CSS property to change the border of an element to Yxy 42.6737, 0.4548, 0.3666 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(250, 148, 112) }
```

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

```
.border{ border-color:rgb(250, 148, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 148, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 148, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 148, 112);  
box-shadow:4px 4px 4px 4px rgb(250, 148,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 42.6737, 0.4548, 0.3666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 148, 112) }
```

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

```
.background{ background-color: rgb(250,  
148, 112) }
```

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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