

Converting Colors

$Y_{xy}(42.9363, 0.4483, 0.3675)$

Have a look what the booklet for
Yxy(42.9363, 0.4483, 0.3675)
contains.

Yxy(42.8018, 0.4488, 0.3673)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(42.8018, 0.4488, 0.3673)

Conversions

Conversions Part 1

Format	Color
Hex	F79672
RGB	247, 150, 114
RGB Percent	97%, 59%, 45%
CMY	0.0314, 0.4117, 0.5529
CMYK	0.00, 0.39, 0.54, 0.03
HSL	16°, 89%, 71%
HSV	16°, 54%, 97%
XYZ	52.2991, 42.8018, 21.4300
YIQ	174.8990, 69.3680, 9.3680

Conversions

Conversions Part 2

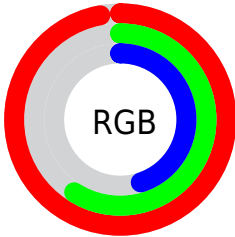
Format	Color
R _Y B	247, 163, 114
Decimal	16225906
CIE Lab	71.42, 32.91, 34.39
CIE LCh	71, 47.598, 46.258
Yxy	42.8018, 0.4488, 0.3673
Android (android.graphics.Color)	4294415986 (0xFFFF79672)
YUV	174.8990, -30.0232, 63.2326
Hunter-Lab	65.4231, 28.2021, 26.3751

Details

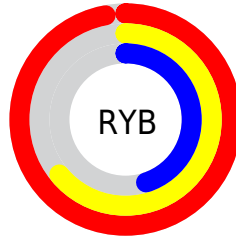
The Yxy color **42.8018, 0.4488, 0.3673** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **56.8790, 0.2347, 0.2838**, and the grayscale version is **42.9485, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.6758, 0.3821, 0.3696**, and **19.6818, 0.4877, 0.3718** is the 20% darker color. If you saturate the color by 10%, you get **37.0010, 0.4865, 0.3717**, and if you desaturate by 10%, it is **49.6425, 0.4144, 0.3609**.

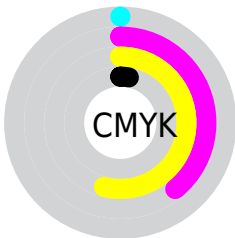
Distribution



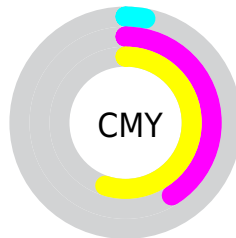
- Red (97%)
- Green (59%)
- Blue (45%)



- Red (97%)
- Yellow (64%)
- Blue (45%)



- Cyan (0%)
- Magenta (39%)
- Yellow (54%)
- Black (3%)





- Cyan (3%)
- Magenta (41%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.8018, 0.4488, 0.3673 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 42.8018, 0.4488, 0.3673 by changing the saturation by 10% instead.


 42.8018, 0.4488,
0.3673

 42.8018, 0.4488,
0.3673


357.7960, 0.3798,
0.3521

 29.7296, 0.4658,
0.3696


 79.4117, 0.4238,
0.3629

 19.6335, 0.4872,
0.3715


 103.7182, 0.4143,
0.3609

 12.1289, 0.5148,
0.3724


 132.5383, 0.4064,
0.3590

 6.8315, 0.5511,
0.3705

 166.2563, 0.3995,
0.3574

 3.3570, 0.6117,
0.3687

205.2567, 0.3936,
0.3559

 1.3208, 0.6651,
0.3349

249.9239, 0.3884,

 0.1572, 0.8590,

0.3545

0.1410

300.6422, 0.3838,
0.3533

0.0000, 0.0000,
0.0000

42.8018, 0.4488,
0.3673

42.8018, 0.4488,
0.3673

37.0010, 0.4865,
0.3717

49.6425, 0.4144,
0.3609

32.1808, 0.5253,
0.3731

57.5653, 0.3843,
0.3536

28.2855, 0.5617,
0.3702


66.6180, 0.3586,
0.3460

25.2502, 0.5916,
0.3629

76.8435, 0.3370,
0.3386

23.7693, 0.6060,
0.3570

88.2823, 0.3189,
0.3316

 98.5119, 0.3078,
0.3290

Harmonies

Analogous

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



42.8018, 0.4234, 0.3160



42.8018, 0.4488, 0.3673



42.8018, 0.4325, 0.4164

Triad

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



42.8018, 0.4488, 0.3673



42.8018, 0.2564, 0.3994



42.8018, 0.2363, 0.2240

Complementary

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



42.8018, 0.4488, 0.3673



56.8790, 0.2347, 0.2838

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.



42.8018, 0.2019, 0.2327



42.8018, 0.4488, 0.3673



42.8018, 0.2115, 0.3280

Square

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



42.8018, 0.4488, 0.3673



42.8018, 0.3194, 0.4478



42.8018, 0.1932, 0.2674



42.8018, 0.2938, 0.2379

Rectangle

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



42.8018, 0.4488, 0.3673



42.8018, 0.4028, 0.4418



42.8018, 0.1932, 0.2674



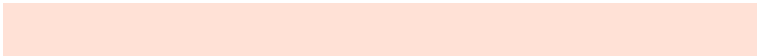
42.8018, 0.2220, 0.2242

Sweetspot

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



42.8040, 0.4488, 0.3673



80.1078, 0.3414, 0.3402



36.5406, 0.3539, 0.2301



16.6511, 0.3457, 0.3417



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.



42.8040, 0.4488, 0.3673



39.0681, 0.4914, 0.3721



70.0793, 0.4070, 0.4326



17.2122, 0.3287, 0.3355



12.7725, 0.6032, 0.3593



1.2861, 0.5789, 0.3786

Inverse Universe

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



56.8790, 0.2347, 0.2838



55.5151, 0.2222, 0.2725



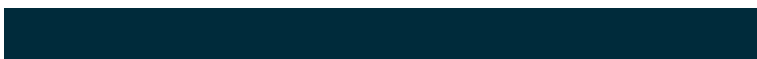
30.5580, 0.2163, 0.1952



17.9547, 0.2980, 0.3224



21.0926, 0.1996, 0.2385



2.0235, 0.2031, 0.2512

Previews

White Background



This preview shows how the Yxy color 42.8018, 0.4488, 0.3673 looks on a white background.

Color Contrast Check

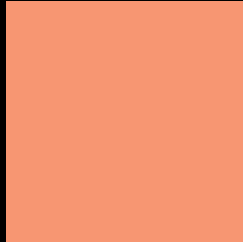
Large Text (above 18pt) WCAG AA × Fail

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 42.8018, 0.4488, 0.3673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

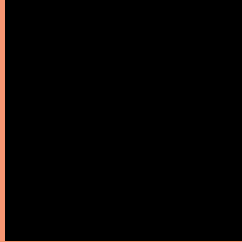
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.8018, 0.4488, 0.3673

Background



This preview shows how black text looks on a background with the Yxy color 42.8018, 0.4488, 0.3673.



This preview shows how white text looks on a background with the Yxy color 42.8018, 0.4488, 0.3673.

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

42.8018, 0.4488, 0.3673

Protanopia

42.9340, 0.3695, 0.3970

Deuteranopia

43.1500, 0.4068, 0.3987



Tritanopia

42.9413, 0.4115, 0.3186

Trichromacy



Original Color

42.8018, 0.4488, 0.3673

Protanomaly

42.3301, 0.3979, 0.3863

Deuteranomaly

42.6671, 0.4228, 0.3862

Tritanomaly

42.9006, 0.4258, 0.3368

Monochromacy



Original Color

42.8018, 0.4488, 0.3673

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

41.9899, 0.3581, 0.3458

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.8018, 0.4488, 0.3673 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, 150, 114)` looks like.

```
.text, #text, p{  
    color:rgb(247, 150, 114)  
}
```

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, 150, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 150, 114) }
```

Border

The CSS property to change the border of an element to Yxy 42.8018, 0.4488, 0.3673 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, 150, 114) }
```

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

```
.border{ border-color:rgb(247, 150, 114) }
```

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

Here you see how a box with a 4 pixel rgb(247, 150, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 150, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 150, 114);  
box-shadow:4px 4px 4px 4px rgb(247, 150,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 42.8018, 0.4488, 0.3673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 150, 114) }
```

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

```
.background{ background-color: rgb(247,  
150, 114) }
```

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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