

Converting Colors

$Y_{xy}(44.6988, 0.4475, 0.3766)$

Have a look what the booklet for
Yxy(44.6988, 0.4475, 0.3766)
contains.

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Color

Yxy(44.6988, 0.4475, 0.3766)

Conversions

Conversions Part 1

Format	Color
Hex	F79C6F
RGB	247, 156, 111
RGB Percent	97%, 61%, 44%
CMY	0.0314, 0.3882, 0.5646
CMYK	0.00, 0.37, 0.55, 0.03
HSL	20°, 89%, 70%
HSV	20°, 55%, 97%
XYZ	53.1139, 44.6988, 20.8776
YIQ	178.0790, 68.6810, 5.2970

Conversions

Conversions Part 2

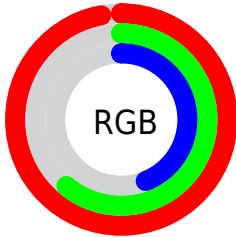
Format	Color
R _Y B	247, 178, 111
Decimal	16227439
CIE Lab	72.69, 29.54, 37.59
CIE LCh	73, 47.809, 51.838
Yxy	44.6988, 0.4475, 0.3766
Android (android.graphics.Color)	4294417519 (0xFF79C6F)
YUV	178.0790, -33.0699, 60.4437
Hunter-Lab	66.8572, 24.8074, 28.2854

Details

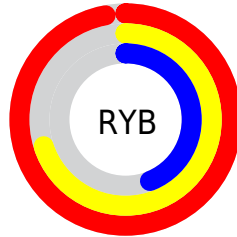
The Yxy color **44.6988, 0.4475, 0.3766** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **52.3443, 0.2309, 0.2718**, and the grayscale version is **44.7190, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.4929, 0.3822, 0.3787**, and **20.8132, 0.4845, 0.3832** is the 20% darker color. If you saturate the color by 10%, you get **39.0546, 0.4828, 0.3821**, and if you desaturate by 10%, it is **51.2527, 0.4148, 0.3689**.

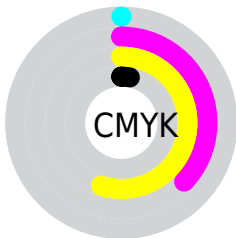
Distribution



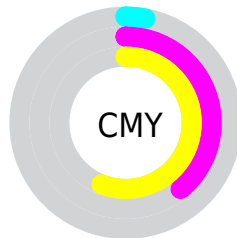
- Red (97%)
- Green (61%)
- Blue (44%)



- Red (97%)
- Yellow (70%)
- Blue (44%)



- Cyan (0%)
- Magenta (37%)
- Yellow (55%)
- Black (3%)





- Cyan (3%)
- Magenta (39%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.6988, 0.4475, 0.3766 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 44.6988, 0.4475, 0.3766 by changing the saturation by 10% instead.


 44.6988, 0.4475,
0.3766


 44.6988, 0.4475,
0.3766


365.5523, 0.3799,
0.3570


 31.2202, 0.4638,
0.3799


 82.2682, 0.4232,
0.3706

 20.7666, 0.4843,
0.3831


 107.1279, 0.4140,
0.3680

 12.9535, 0.5103,
0.3855


 136.5501, 0.4061,
0.3657

 7.3965, 0.5439,
0.3855

 170.9192, 0.3994,
0.3636

 3.7113, 0.6011,
0.3877

210.6195, 0.3935,
0.3617

 1.5134, 0.6438,
0.3562

256.0356, 0.3884,

 0.2981, 0.7730,

0.3600

0.2270

307.5517, 0.3839,
0.3584

0.0000, 0.0000,
0.0000

44.6988, 0.4475,
0.3766

44.6988, 0.4475,
0.3766

39.0546, 0.4828,
0.3821

51.2527, 0.4148,
0.3689

34.2704, 0.5187,
0.3840

58.7494, 0.3858,
0.3600

30.3013, 0.5522,
0.3813

67.2285, 0.3606,
0.3508

27.0942, 0.5800,
0.3736

76.7251, 0.3391,
0.3418

25.7622, 0.5915,
0.3685

87.2724, 0.3208,
0.3331

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.



44.6988, 0.4300, 0.3254



44.6988, 0.4475, 0.3766



44.6988, 0.4245, 0.4236

Triad

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



44.6988, 0.4475, 0.3766



44.6988, 0.2469, 0.3862



44.6988, 0.2460, 0.2258

Complementary

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



44.6988, 0.4475, 0.3766



52.3443, 0.2309, 0.2718

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.



44.6988, 0.2073, 0.2301



44.6988, 0.4475, 0.3766



44.6988, 0.2070, 0.3154

Square

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



44.6988, 0.4475, 0.3766



44.6988, 0.3071, 0.4408



44.6988, 0.1939, 0.2596



44.6988, 0.3065, 0.2434

Rectangle

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



44.6988, 0.4475, 0.3766



44.6988, 0.3919, 0.4458



44.6988, 0.1939, 0.2596



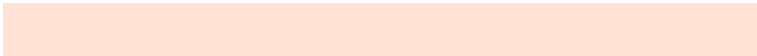
44.6988, 0.2304, 0.2247

Sweetspot

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



44.7011, 0.4475, 0.3766



80.3834, 0.3431, 0.3435



35.5056, 0.3626, 0.2344



16.7559, 0.3472, 0.3453



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.



44.7011, 0.4475, 0.3766



41.4010, 0.4866, 0.3825



73.1967, 0.4053, 0.4404



17.3780, 0.3285, 0.3369



13.8576, 0.5885, 0.3709



1.3986, 0.5643, 0.3902

Inverse Universe

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



52.3443, 0.2309, 0.2718



50.2284, 0.2180, 0.2579



27.6941, 0.2122, 0.1828



17.7800, 0.2980, 0.3210



18.1101, 0.1936, 0.2170



1.7795, 0.1980, 0.2327

Previews

White Background



This preview shows how the Yxy color 44.6988, 0.4475, 0.3766 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 44.6988, 0.4475, 0.3766 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 44.6988, 0.4475, 0.3766

Background



This preview shows how black text looks on a background with the Yxy color 44.6988, 0.4475, 0.3766.



This preview shows how white text looks on a background with the Yxy color 44.6988, 0.4475, 0.3766.

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

44.6988, 0.4475, 0.3766

Protanopia

45.0656, 0.3759, 0.4057

Deuteranopia

44.9602, 0.4123, 0.4040



Tritanopia

44.8951, 0.4040, 0.3175

Trichromacy



Original Color

44.6988, 0.4475, 0.3766

Protanomaly

44.5563, 0.4008, 0.3949

Deuteranomaly

44.8705, 0.4251, 0.3942

Tritanomaly

44.7636, 0.4211, 0.3389

Monochromacy



Original Color

44.6988, 0.4475, 0.3766

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.7791, 0.3579, 0.3495

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6988, 0.4475, 0.3766 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, 156, 111)` looks like.

```
.text, #text, p{  
    color:rgb(247, 156, 111)  
}
```

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, 156, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 156, 111) }
```

Border

The CSS property to change the border of an element to Yxy 44.6988, 0.4475, 0.3766 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, 156, 111) }
```

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

```
.border{ border-color:rgb(247, 156, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 156, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 156, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 156, 111);  
box-shadow:4px 4px 4px 4px rgb(247, 156,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6988, 0.4475, 0.3766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 156, 111) }
```

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

```
.background{ background-color: rgb(247,  
156, 111) }
```

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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