

Converting Colors

$Y_{xy}(41.8349, 0.4418, 0.3593)$

Have a look what the booklet for
Yxy(41.8349, 0.4418, 0.3593)
contains.

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Color

Yxy(41.7690, 0.4414, 0.3595)

Conversions

Conversions Part 1

Format	Color
Hex	F49478
RGB	244, 148, 120
RGB Percent	96%, 58%, 47%
CMY	0.0432, 0.4195, 0.5294
CMYK	0.00, 0.39, 0.51, 0.04
HSL	14°, 85%, 71%
HSV	14°, 51%, 96%
XYZ	51.2847, 41.7690, 23.1327
YIQ	173.5120, 66.2040, 11.6440

Conversions

Conversions Part 2

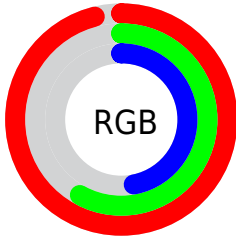
Format	Color
R_{YB}	244, 156, 120
Decimal	16028792
CIE _{Lab}	70.71, 33.30, 30.16
CIE _{LCh}	71, 44.929, 42.170
Yxy	41.7690, 0.4414, 0.3595
Android (android.graphics.Color)	4294218872 (0xFFFF49478)
YUV	173.5120, -26.3814, 61.8180
Hunter-Lab	64.6289, 28.5435, 24.0185

Details

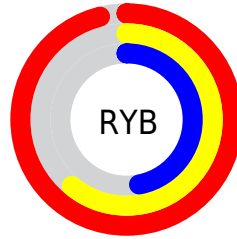
The Yxy color **41.7690, 0.4414, 0.3595** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **59.6273, 0.2398, 0.2941**, and the grayscale version is **42.1787, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.9890, 0.3773, 0.3604**, and **19.0110, 0.4787, 0.3628** is the 20% darker color. If you saturate the color by 10%, you get **35.8018, 0.4800, 0.3636**, and if you desaturate by 10%, it is **48.8582, 0.4069, 0.3539**.

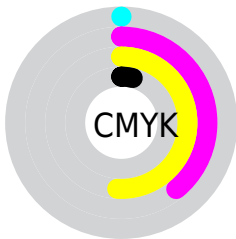
Distribution



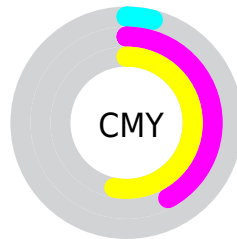
- Red (96%)
- Green (58%)
- Blue (47%)



- Red (96%)
- Yellow (61%)
- Blue (47%)



- Cyan (0%)
- Magenta (39%)
- Yellow (51%)
- Black (4%)





- Cyan (4%)
- Magenta (42%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.7690, 0.4414, 0.3595 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 41.7690, 0.4414, 0.3595 by changing the saturation by 10% instead.


 41.7690, 0.4414,
0.3595


 41.7690, 0.4414,
0.3595


353.5245, 0.3756,
0.3476


 28.9205, 0.4579,
0.3612


 77.8499, 0.4174,
0.3561

 19.0207, 0.4788,
0.3626


 101.8510, 0.4084,
0.3545

 11.6852, 0.5062,
0.3631


 130.3385, 0.4008,
0.3531

 6.5297, 0.5429,
0.3609

163.6967, 0.3943,
0.3518

 3.1698, 0.6003,
0.3561

202.3100, 0.3887,
0.3506

 1.2210, 0.6707,
0.3293

246.5628, 0.3837,

 0.0788, 0.9186,

0.3495

0.0814

296.8395, 0.3794,
0.3485

■ 0.0000, 0.0000,
0.0000

■ 41.7690, 0.4414,
0.3595

■ 41.7690, 0.4414,
0.3595

■ 35.8018, 0.4800,
0.3636

■ 48.8582, 0.4069,
0.3539

■ 30.8916, 0.5208,
0.3652

■ 57.1170, 0.3772,
0.3477

■ 26.9765, 0.5601,
0.3633


■ 66.5983, 0.3521,
0.3413

■ 23.9848, 0.5932,
0.3575

■ 77.3493, 0.3313,
0.3352

■ 21.9728, 0.6153,
0.3496

■ 89.4152, 0.3140,
0.3294

 97.9701, 0.3060,
0.3290

Harmonies

Analogous

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



41.7690, 0.4118, 0.3104



41.7690, 0.4414, 0.3595



41.7690, 0.4314, 0.4072

Triad

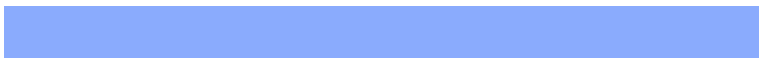
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



41.7690, 0.4414, 0.3595



41.7690, 0.2667, 0.4040



41.7690, 0.2338, 0.2282

Complementary

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



41.7690, 0.4414, 0.3595



59.6273, 0.2398, 0.2941

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.



41.7690, 0.2039, 0.2401



41.7690, 0.4414, 0.3595



41.7690, 0.2205, 0.3376

Square

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



41.7690, 0.4414, 0.3595



41.7690, 0.3282, 0.4445



41.7690, 0.1991, 0.2772



41.7690, 0.2863, 0.2387

Rectangle

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



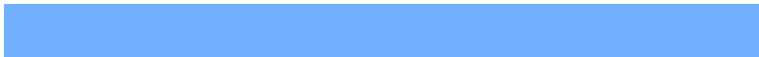
41.7690, 0.4414, 0.3595



41.7690, 0.4058, 0.4328



41.7690, 0.1991, 0.2772



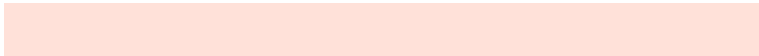
41.7690, 0.2211, 0.2295

Sweetspot

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



41.7711, 0.4414, 0.3595



80.3181, 0.3396, 0.3378



37.6826, 0.3443, 0.2294



16.6557, 0.3440, 0.3391



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.



41.7711, 0.4414, 0.3595



39.3816, 0.4814, 0.3637



66.1180, 0.4048, 0.4218



17.0896, 0.3288, 0.3344



12.1171, 0.6128, 0.3516



1.2134, 0.5892, 0.3704

Inverse Universe

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



59.6273, 0.2398, 0.2941



61.0140, 0.2284, 0.2856



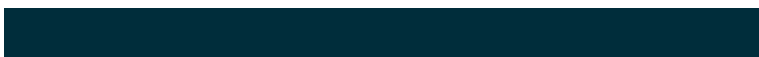
34.0137, 0.2237, 0.2125



18.0857, 0.2980, 0.3235



23.5296, 0.2040, 0.2544



2.2198, 0.2069, 0.2649

Previews

White Background



This preview shows how the Yxy color 41.7690, 0.4414, 0.3595 looks on a white background.

Color Contrast Check

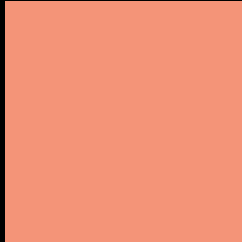
Large Text (above 18pt) WCAG AA × Fail

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 41.7690, 0.4414, 0.3595 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 41.7690, 0.4414, 0.3595

Background



This preview shows how black text looks on a background with the Yxy color 41.7690, 0.4414, 0.3595.



This preview shows how white text looks on a background with the Yxy color 41.7690, 0.4414, 0.3595.

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

41.7690, 0.4414, 0.3595

Protanopia

41.9649, 0.3613, 0.3859

Deuteranopia

41.9667, 0.3987, 0.3904



Tritanopia

41.7522, 0.4106, 0.3174

Trichromacy



Original Color

41.7690, 0.4414, 0.3595

Protanomaly

41.3486, 0.3895, 0.3759

Deuteranomaly

41.4764, 0.4146, 0.3781

Tritanomaly

41.7966, 0.4218, 0.3326

Monochromacy



Original Color

41.7690, 0.4414, 0.3595

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.3855, 0.3554, 0.3434

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.7690, 0.4414, 0.3595 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(244, 148, 120)` looks like.

```
.text, #text, p{  
    color:rgb(244, 148, 120)  
}
```

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(244, 148, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 148, 120) }
```

Border

The CSS property to change the border of an element to Yxy 41.7690, 0.4414, 0.3595 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(244, 148, 120) }
```

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

```
.border{ border-color:rgb(244, 148, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 148, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 148, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 148, 120);  
box-shadow:4px 4px 4px 4px rgb(244, 148,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 41.7690, 0.4414, 0.3595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 148, 120) }
```

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

```
.background{ background-color: rgb(244,  
148, 120) }
```

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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