

Converting Colors

$Y_{xy}(44.0785, 0.4402, 0.3470)$

Have a look what the booklet for
Yxy(44.0785, 0.4402, 0.3470)
contains.

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Color

Yxy(44.0785, 0.4402, 0.3470)

Conversions

Conversions Part 1

Format	Color
Hex	FF9483
RGB	255, 148, 131
RGB Percent	100%, 58%, 51%
CMY	0.0001, 0.4195, 0.4863
CMYK	0.00, 0.42, 0.49, 0.00
HSL	8°, 100%, 76%
HSV	8°, 49%, 100%
XYZ	55.9175, 44.0785, 27.0314
YIQ	178.0550, 69.2290, 17.3970

Conversions

Conversions Part 2

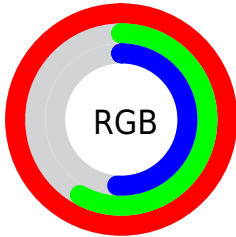
Format	Color
R_{YB}	255, 151, 131
Decimal	16749699
CIE _{Lab}	72.28, 38.44, 26.51
CIE _{LCh}	72, 46.694, 34.592
Yxy	44.0785, 0.4402, 0.3470
Android (android.graphics.Color)	4294939779 (0xFFFF9483)
YUV	178.0550, -23.1981, 67.4808
Hunter-Lab	66.3916, 34.1538, 22.3342

Details

The Yxy color **44.0785, 0.4402, 0.3470** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **73.1541, 0.2448, 0.3090**, and the grayscale version is **44.6514, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.4326, 0.3686, 0.3489**, and **20.3806, 0.4784, 0.3472** is the 20% darker color. If you saturate the color by 10%, you get **37.2143, 0.4816, 0.3496**, and if you desaturate by 10%, it is **52.4282, 0.4039, 0.3435**.

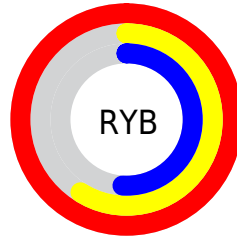
Distribution



Red (100%)

Green (58%)

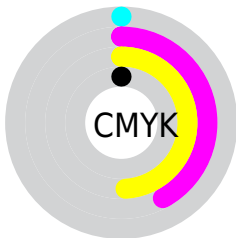
Blue (51%)



Red (100%)

Yellow (59%)

Blue (51%)

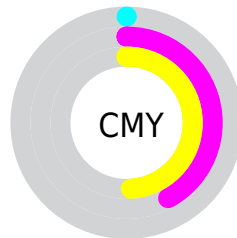


Cyan (0%)

Magenta (42%)

Yellow (49%)

Black (0%)



Cyan (0%)

Magenta (42%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.0785, 0.4402, 0.3470 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 44.0785, 0.4402, 0.3470 by changing the saturation by 10% instead.

 44.0785, 0.4402,
0.3470


 44.0785, 0.4402,
0.3470

363.0285, 0.3754,
0.3412

 30.7322, 0.4564,
0.3474


 81.3359, 0.4166,
0.3457

 20.3950, 0.4769,
0.3472


 106.0157, 0.4077,
0.3449

 12.6825, 0.5039,
0.3459


 135.2422, 0.4003,
0.3442

 7.2103, 0.5403,
0.3419

169.3998, 0.3938,
0.3435

 3.5940, 0.5912,
0.3319

208.8728, 0.3883,
0.3429

 1.4491, 0.6838,
0.3162

254.0457, 0.3835,

 0.2525, 0.8291,

0.3423

0.1709

305.3028, 0.3792,
0.3417

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

44.0785, 0.4402,
0.3470

44.0785, 0.4402,
0.3470

37.2143, 0.4816,
0.3496

52.4282, 0.4039,
0.3435

31.7416, 0.5258,
0.3504

62.3366, 0.3734,
0.3397

27.5664, 0.5687,
0.3489

73.8801, 0.3481,
0.3358

24.5797, 0.6042,
0.3448

87.1284, 0.3274,
0.3320

■ 22.6514, 0.6274,
0.3388

99.9938, 0.3127,
0.3290

■ 22.4576, 0.6298,
0.3381

Harmonies

Analogous

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



44.0785, 0.4006, 0.2981



44.0785, 0.4402, 0.3470



44.0785, 0.4399, 0.3968

Triad

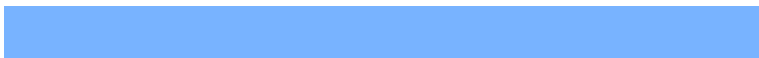
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



44.0785, 0.4402, 0.3470



44.0785, 0.2806, 0.4200



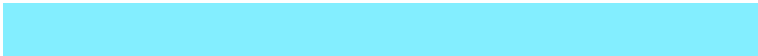
44.0785, 0.2223, 0.2271

Complementary

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



44.0785, 0.4402, 0.3470



73.1541, 0.2448, 0.3090

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.



44.0785, 0.1983, 0.2453



44.0785, 0.4402, 0.3470



44.0785, 0.2284, 0.3554

Square

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



44.0785, 0.4402, 0.3470



44.0785, 0.3447, 0.4504



44.0785, 0.2000, 0.2896



44.0785, 0.2703, 0.2324

Rectangle

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



44.0785, 0.4402, 0.3470



44.0785, 0.4189, 0.4258



44.0785, 0.2000, 0.2896



44.0785, 0.2115, 0.2304

Sweetspot

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



44.0807, 0.4402, 0.3470



78.5020, 0.3401, 0.3344



43.6839, 0.3329, 0.2243



16.2238, 0.3447, 0.3352



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.



44.0807, 0.4402, 0.3470



37.6110, 0.4789, 0.3494



68.7444, 0.4059, 0.4089



18.3893, 0.3291, 0.3323



11.8598, 0.6279, 0.3397



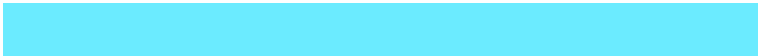
1.2718, 0.6101, 0.3538

Inverse Universe

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



73.1541, 0.2448, 0.3090



69.5859, 0.2352, 0.3045



43.2709, 0.2301, 0.2315



20.0307, 0.2980, 0.3256



30.6738, 0.2125, 0.2848



3.0989, 0.2140, 0.2903

Previews

White Background



This preview shows how the Yxy color 44.0785, 0.4402, 0.3470 looks on a white background.

Color Contrast Check

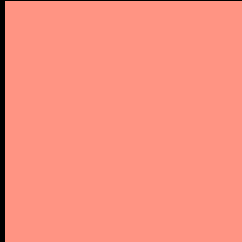
Large Text (above 18pt) WCAG AA × Fail

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 44.0785, 0.4402, 0.3470 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 44.0785, 0.4402, 0.3470

Background



This preview shows how black text looks on a background with the Yxy color 44.0785, 0.4402, 0.3470.



This preview shows how white text looks on a background with the Yxy color 44.0785, 0.4402, 0.3470.

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

44.0785, 0.4402, 0.3470

Protanopia

44.1493, 0.3506, 0.3730

Deuteranopia

44.1306, 0.3905, 0.3823



Tritanopia

44.2181, 0.4147, 0.3188

Trichromacy



Original Color

44.0785, 0.4402, 0.3470



Protanomaly

43.1336, 0.3821, 0.3627



Deuteranomaly

43.7301, 0.4091, 0.3689



Tritanomaly

44.2340, 0.4239, 0.3293

Monochromacy



Original Color

44.0785, 0.4402, 0.3470



Achromatopsia

44.5201, 0.3127, 0.3290



Achromatomaly

43.3325, 0.3551, 0.3367

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0785, 0.4402, 0.3470 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(255, 148, 131)` looks like.

```
.text, #text, p{  
    color:rgb(255, 148, 131)  
}
```

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(255, 148, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 148, 131) }
```

Border

The CSS property to change the border of an element to Yxy 44.0785, 0.4402, 0.3470 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(255, 148, 131) }
```

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

```
.border{ border-color:rgb(255, 148, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 148, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 148, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 148, 131);  
box-shadow:4px 4px 4px 4px rgb(255, 148,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0785, 0.4402, 0.3470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 148, 131) }
```

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

```
.background{ background-color: rgb(255,  
148, 131) }
```

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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