

Converting Colors

$Y_{xy}(48.6728, 0.4231, 0.3503)$

Have a look what the booklet for
Yxy(48.6728, 0.4231, 0.3503)
contains.

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Color

Yxy(48.6728, 0.4231, 0.3503)

Conversions

Conversions Part 1

Format	Color
Hex	FFA18D
RGB	255, 161, 141
RGB Percent	100%, 63%, 55%
CMY	0.0000, 0.3686, 0.4472
CMYK	0.00, 0.37, 0.45, 0.00
HSL	11°, 100%, 78%
HSV	11°, 45%, 100%
XYZ	58.7881, 48.6728, 31.4852
YIQ	186.8260, 62.4440, 13.7080

Conversions

Conversions Part 2

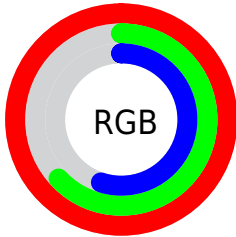
Format	Color
R _Y B	255, 165, 141
Decimal	16753037
CIE Lab	75.25, 32.70, 25.07
CIE LCh	75, 41.206, 37.471
Yxy	48.6728, 0.4231, 0.3503
Android (android.graphics.Color)	4294943117 (0xFFFFA18D)
YUV	186.8260, -22.5922, 59.7886
Hunter-Lab	69.7659, 28.3223, 22.0787

Details

The Yxy color **48.6728, 0.4231, 0.3503** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **72.2671, 0.2484, 0.3056**, and the grayscale version is **49.6949, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.8258, 0.3567, 0.3516**, and **23.0826, 0.4534, 0.3517** is the 20% darker color. If you saturate the color by 10%, you get **41.2623, 0.4613, 0.3542**, and if you desaturate by 10%, it is **57.4975, 0.3901, 0.3456**.

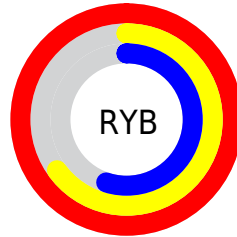
Distribution



Red (100%)

Green (63%)

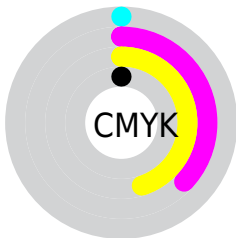
Blue (55%)



Red (100%)

Yellow (65%)

Blue (55%)

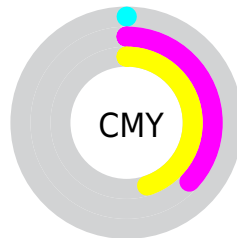


Cyan (0%)

Magenta (37%)

Yellow (45%)

Black (0%)



Cyan (0%)


Magenta (37%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.6728, 0.4231, 0.3503 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 48.6728, 0.4231, 0.3503 by changing the saturation by 10% instead.


 48.6728, 0.4231,
0.3503


 48.6728, 0.4231,
0.3503


381.4528, 0.3678,
0.3422


 34.3600, 0.4367,
0.3515


 88.2053, 0.4031,
0.3480

 23.1703, 0.4539,
0.3525


 114.1938, 0.3956,
0.3469

 14.7193, 0.4764,
0.3531


 144.8429, 0.3892,
0.3459

 8.6226, 0.5067,
0.3523

180.5372, 0.3837,
0.3451

 4.4959, 0.5490,
0.3481

221.6609, 0.3790,
0.3443

 1.9546, 0.6361,
0.3487

268.5985, 0.3748,

 0.5809, 0.7153,

0.3435

0.2847

321.7343, 0.3711,
0.3428

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.6728, 0.4231,
0.3503

48.6728, 0.4231,
0.3503

41.2623, 0.4613,
0.3542

57.4975, 0.3901,
0.3456

35.1849, 0.5033,
0.3565

67.7974, 0.3623,
0.3406

30.3622, 0.5460,
0.3562

79.6389, 0.3393,
0.3357

26.7046, 0.5846,
0.3528

93.0821, 0.3204,
0.3311

■ 24.1098, 0.6136,
0.3462

99.9979, 0.3127,
0.3290

■ 23.1210, 0.6244,
0.3424

Harmonies

Analogous

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



48.6728, 0.3922, 0.3068



48.6728, 0.4231, 0.3503



48.6728, 0.4204, 0.3931

Triad

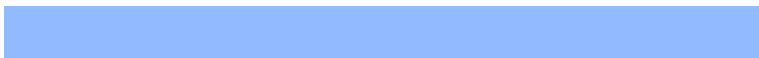
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



48.6728, 0.4231, 0.3503



48.6728, 0.2809, 0.4011



48.6728, 0.2376, 0.2400

Complementary

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



48.6728, 0.4231, 0.3503



72.2671, 0.2484, 0.3056

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.



48.6728, 0.2141, 0.2547



48.6728, 0.4231, 0.3503



48.6728, 0.2368, 0.3463

Square

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



48.6728, 0.4231, 0.3503



48.6728, 0.3361, 0.4308



48.6728, 0.2136, 0.2916



48.6728, 0.2816, 0.2461

Rectangle

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



48.6728, 0.4231, 0.3503



48.6728, 0.4012, 0.4163



48.6728, 0.2136, 0.2916



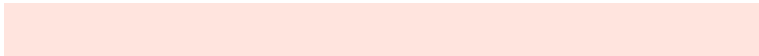
48.6728, 0.2273, 0.2425

Sweetspot

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



48.6752, 0.4231, 0.3503



81.8350, 0.3358, 0.3349



46.3555, 0.3344, 0.2352



16.9146, 0.3403, 0.3359



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.



48.6752, 0.4231, 0.3503



41.7500, 0.4584, 0.3540



72.7979, 0.3955, 0.4063



18.5031, 0.3290, 0.3332



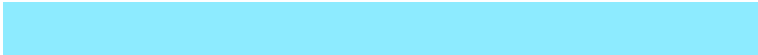
12.2310, 0.6222, 0.3442



1.3257, 0.6025, 0.3598

Inverse Universe

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



72.2671, 0.2484, 0.3056



68.0607, 0.2377, 0.2999



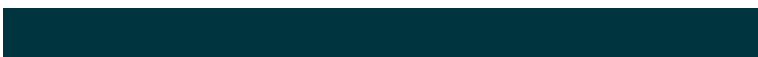
45.1117, 0.2361, 0.2360



19.9062, 0.2980, 0.3247



28.1016, 0.2088, 0.2717



2.8722, 0.2108, 0.2790

Previews

White Background



This preview shows how the Yxy color 48.6728, 0.4231, 0.3503 looks on a white background.

Color Contrast Check

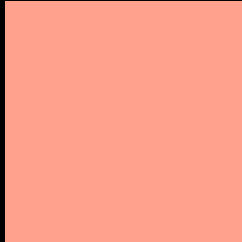
Large Text (above 18pt) WCAG AA × Fail

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 48.6728, 0.4231, 0.3503 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 48.6728, 0.4231, 0.3503

Background



This preview shows how black text looks on a background with the Yxy color 48.6728, 0.4231, 0.3503.



This preview shows how white text looks on a background with the Yxy color 48.6728, 0.4231, 0.3503.

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

48.6728, 0.4231, 0.3503

Protanopia

48.8352, 0.3499, 0.3711

Deuteranopia

48.7358, 0.3846, 0.3770



Tritanopia

48.5783, 0.3965, 0.3177

Trichromacy



Original Color

48.6728, 0.4231, 0.3503

Protanomaly

48.0942, 0.3756, 0.3628

Deuteranomaly

48.5249, 0.3985, 0.3670

Tritanomaly

48.5595, 0.4062, 0.3293

Monochromacy



Original Color

48.6728, 0.4231, 0.3503

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

48.7401, 0.3499, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.6728, 0.4231, 0.3503 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, 161, 141)` looks like.

```
.text, #text, p{  
    color:rgb(255, 161, 141)  
}
```

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, 161, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 161, 141) }
```

Border

The CSS property to change the border of an element to Yxy 48.6728, 0.4231, 0.3503 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, 161, 141) }
```

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

```
.border{ border-color:rgb(255, 161, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 161, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 161, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 161, 141);  
box-shadow:4px 4px 4px 4px rgb(255, 161,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 48.6728, 0.4231, 0.3503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 161, 141) }
```

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

```
.background{ background-color: rgb(255,  
161, 141) }
```

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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