

Converting Colors

$Y_{xy}(48.1332, 0.4248, 0.3439)$

Have a look what the booklet for
Yxy(48.1332, 0.4248, 0.3439)
contains.

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Color

Yxy(47.7273, 0.4217, 0.3440)

Conversions

Conversions Part 1

Format	Color
Hex	FF9E90
RGB	255, 158, 144
RGB Percent	100%, 62%, 56%
CMY	0.0000, 0.3804, 0.4354
CMYK	0.00, 0.38, 0.44, 0.00
HSL	8°, 100%, 78%
HSV	8°, 44%, 100%
XYZ	58.5076, 47.7273, 32.5073
YIQ	185.4070, 62.3060, 16.2100

Conversions

Conversions Part 2

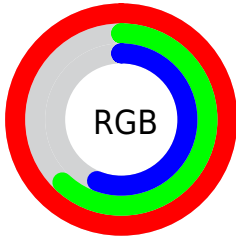
Format	Color
R _Y B	255, 160, 144
Decimal	16752272
CIE Lab	74.65, 34.59, 22.63
CIE LCh	75, 41.331, 33.192
Yxy	47.7273, 0.4217, 0.3440
Android (android.graphics.Color)	4294942352 (0xFFFF9E90)
YUV	185.4070, -20.4137, 61.0331
Hunter-Lab	69.0849, 30.2718, 20.4611

Details

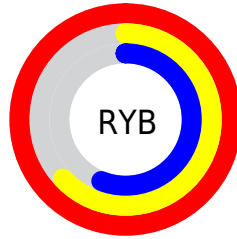
The Yxy color **47.7273, 0.4217, 0.3440** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **76.0534, 0.2509, 0.3128**, and the grayscale version is **48.8397, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.4304, 0.3551, 0.3455**, and **22.5134, 0.4518, 0.3439** is the 20% darker color. If you saturate the color by 10%, you get **40.1064, 0.4610, 0.3468**, and if you desaturate by 10%, it is **56.8964, 0.3880, 0.3406**.

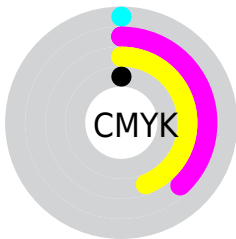
Distribution



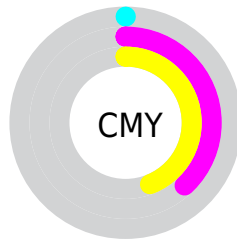
- Red (100%)
- Green (62%)
- Blue (56%)



- Red (100%)
- Yellow (63%)
- Blue (56%)



- Cyan (0%)
- Magenta (38%)
- Yellow (44%)
- Black (0%)




- Cyan (0%)
- Magenta (38%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.7273, 0.4217, 0.3440 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 47.7273, 0.4217, 0.3440 by changing the saturation by 10% instead.


 47.7273, 0.4217,
0.3440


 47.7273, 0.4217,
0.3440

377.7102, 0.3669,
0.3388

 33.6110, 0.4353,
0.3445


 86.7982, 0.4018,
0.3427

 22.5949, 0.4525,
0.3448


 112.5217, 0.3944,
0.3420

 14.2947, 0.4752,
0.3444


142.8829, 0.3880,
0.3414

 8.3259, 0.5059,
0.3424


178.2663, 0.3826,
0.3408

 4.3042, 0.5494,
0.3367

219.0564, 0.3779,
0.3403

 1.8451, 0.6345,
0.3323

265.6375, 0.3738,

 0.5151, 0.7360,

0.3398

0.2640

318.3939, 0.3701,
0.3393

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.7273, 0.4217,
0.3440

47.7273, 0.4217,
0.3440

40.1064, 0.4610,
0.3468

56.8964, 0.3880,
0.3406

33.9560, 0.5046,
0.3485

67.7024, 0.3600,
0.3370

29.1782, 0.5492,
0.3482

80.2167, 0.3371,
0.3334

25.6665, 0.5894,
0.3455

94.5089, 0.3185,
0.3301

■ 23.2986, 0.6189,
0.3406

100.0000, 0.3127,
0.3290

■ 22.3026, 0.6311,
0.3371

Harmonies

Analogous

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



47.7273, 0.3862, 0.3007



47.7273, 0.4217, 0.3440



47.7273, 0.4239, 0.3878

Triad

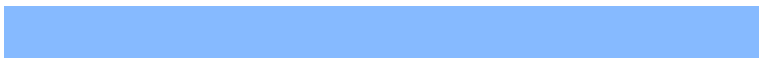
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



47.7273, 0.4217, 0.3440



47.7273, 0.2881, 0.4082



47.7273, 0.2322, 0.2400

Complementary

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



47.7273, 0.4217, 0.3440



76.0534, 0.2509, 0.3128

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.



47.7273, 0.2117, 0.2579



47.7273, 0.4217, 0.3440



47.7273, 0.2413, 0.3549

Square

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



47.7273, 0.4217, 0.3440



47.7273, 0.3442, 0.4331



47.7273, 0.2146, 0.2982



47.7273, 0.2739, 0.2434

Rectangle

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



47.7273, 0.4217, 0.3440



47.7273, 0.4072, 0.4127



47.7273, 0.2146, 0.2982



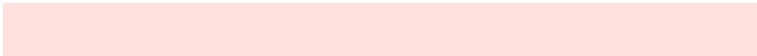
47.7273, 0.2229, 0.2435

Sweetspot

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



47.7243, 0.4217, 0.3440



80.9366, 0.3360, 0.3333



47.6154, 0.3287, 0.2328



16.6958, 0.3406, 0.3340



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.



47.7243, 0.4217, 0.3440



41.1786, 0.4546, 0.3465



70.5824, 0.3955, 0.3992



18.3562, 0.3291, 0.3321



11.7676, 0.6293, 0.3385



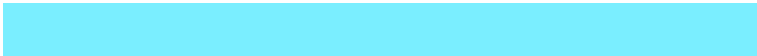
1.2563, 0.6123, 0.3520

Inverse Universe

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



76.0534, 0.2509, 0.3128



72.6920, 0.2415, 0.3092



48.4937, 0.2395, 0.2459



20.0672, 0.2980, 0.3259



31.4530, 0.2135, 0.2885



3.1672, 0.2149, 0.2936

Previews

White Background



This preview shows how the Yxy color 47.7273, 0.4217, 0.3440 looks on a white background.

Color Contrast Check

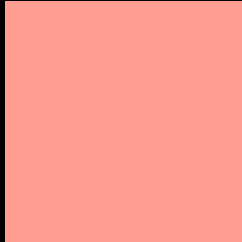
Large Text (above 18pt) WCAG AA × Fail

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 47.7273, 0.4217, 0.3440 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 47.7273, 0.4217, 0.3440

Background



This preview shows how black text looks on a background with the Yxy color 47.7273, 0.4217, 0.3440.



This preview shows how white text looks on a background with the Yxy color 47.7273, 0.4217, 0.3440.

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

47.7273, 0.4217, 0.3440

Protanopia

48.1506, 0.3441, 0.3651

Deuteranopia

47.9663, 0.3796, 0.3727



Tritanopia

47.8270, 0.3992, 0.3177

Trichromacy



Original Color

47.7273, 0.4217, 0.3440

Protanomaly

47.5259, 0.3705, 0.3570

Deuteranomaly

47.5254, 0.3948, 0.3616

Tritanomaly

47.8771, 0.4070, 0.3272

Monochromacy



Original Color

47.7273, 0.4217, 0.3440

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.2639, 0.3487, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.7273, 0.4217, 0.3440 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, 158, 144)` looks like.

```
.text, #text, p{  
    color:rgb(255, 158, 144)  
}
```

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, 158, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 158, 144) }
```

Border

The CSS property to change the border of an element to Yxy 47.7273, 0.4217, 0.3440 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, 158, 144) }
```

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

```
.border{ border-color:rgb(255, 158, 144) }
```

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

Here you see how a box with a 4 pixel rgb(255, 158, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 158, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 158, 144);  
box-shadow:4px 4px 4px 4px rgb(255, 158,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 47.7273, 0.4217, 0.3440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 158, 144) }
```

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

```
.background{ background-color: rgb(255,  
158, 144) }
```

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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