

Converting Colors

$Y_{xy}(40.6424, 0.4330, 0.3268)$

Have a look what the booklet for
Yxy(40.6424, 0.4330, 0.3268)
contains.

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Color

Yxy(40.7659, 0.4332, 0.3273)

Conversions

Conversions Part 1

Format	Color
Hex	FC8A8C
RGB	252, 138, 140
RGB Percent	99%, 54%, 55%
CMY	0.0119, 0.4587, 0.4510
CMYK	0.00, 0.45, 0.44, 0.01
HSL	359°, 95%, 76%
HSV	359°, 45%, 99%
XYZ	53.9560, 40.7659, 29.8302
YIQ	172.3140, 67.3020, 24.7900

Conversions

Conversions Part 2

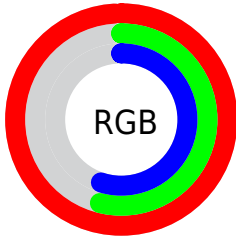
Format	Color
R _Y B	252, 138, 140
Decimal	16550540
CIE Lab	70.01, 43.26, 18.40
CIE LCh	70, 47.014, 23.040
Yxy	40.7659, 0.4332, 0.3273
Android (android.graphics.Color)	4294740620 (0xFFFC8A8C)
YUV	172.3140, -15.9308, 69.8846
Hunter-Lab	63.8482, 39.1101, 16.9931

Details

The Yxy color **40.7659, 0.4332, 0.3273** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **81.9056, 0.2528, 0.3311**, and the grayscale version is **41.4818, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.2502, 0.3639, 0.3292**, and **18.4417, 0.4700, 0.3230** is the 20% darker color. If you saturate the color by 10%, you get **33.7053, 0.4768, 0.3271**, and if you desaturate by 10%, it is **49.6719, 0.3960, 0.3276**.

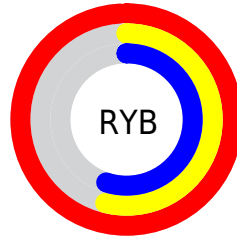
Distribution



Red (99%)

Green (54%)

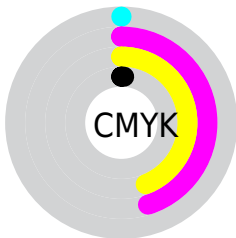
Blue (55%)



Red (99%)

Yellow (54%)

Blue (55%)

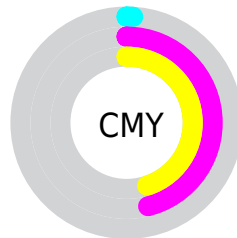


Cyan (0%)

Magenta (45%)

Yellow (44%)

Black (1%)



Cyan (1%)


Magenta (46%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.7659, 0.4332, 0.3273 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 40.7659, 0.4332, 0.3273 by changing the saturation by 10% instead.


 40.7659, 0.4332,
0.3273


 40.7659, 0.4332,
0.3273


349.3412, 0.3711,
0.3306


 28.1362, 0.4491,
0.3257


 76.3284, 0.4103,
0.3291

 18.4284, 0.4696,
0.3231


 100.0300, 0.4018,
0.3296

 11.2580, 0.4970,
0.3189


 128.1910, 0.3946,
0.3299

 6.2406, 0.5350,
0.3114

161.1958, 0.3885,
0.3302

 2.9919, 0.5903,
0.2970

199.4289, 0.3833,
0.3303

 1.1275, 0.7167,
0.2833

243.2745, 0.3787,

 0.0013, 0.9988,

0.3304

0.0012

293.1172, 0.3746,
0.3305

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

40.7659, 0.4332,
0.3273

40.7659, 0.4332,
0.3273

33.7053, 0.4768,
0.3271

49.6719, 0.3960,
0.3276

28.3550, 0.5245,
0.3272

60.5336, 0.3655,
0.3280

24.5719, 0.5712,
0.3276

73.4597, 0.3409,
0.3284

22.1866, 0.6096,
0.3283

88.5496, 0.3213,
0.3288

■ 20.9905, 0.6329,
0.3292

99.4283, 0.3108,
0.3290

■ 20.6978, 0.6388,
0.3293

Harmonies

Analogous

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



40.7659, 0.3794, 0.2797



40.7659, 0.4332, 0.3273



40.7659, 0.4491, 0.3791

Triad

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



40.7659, 0.4332, 0.3273



40.7659, 0.3043, 0.4411



40.7659, 0.2071, 0.2282

Complementary

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



40.7659, 0.4332, 0.3273



81.9056, 0.2528, 0.3311

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.



40.7659, 0.1925, 0.2569



40.7659, 0.4332, 0.3273



40.7659, 0.2439, 0.3842

Square

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



40.7659, 0.4332, 0.3273



40.7659, 0.3704, 0.4540



40.7659, 0.2046, 0.3124



40.7659, 0.2472, 0.2249

Rectangle

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



40.7659, 0.4332, 0.3273



40.7659, 0.4365, 0.4118



40.7659, 0.2046, 0.3124



40.7659, 0.1993, 0.2348

Sweetspot

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



40.7680, 0.4332, 0.3273



77.2424, 0.3383, 0.3285



45.1989, 0.3146, 0.2173



15.8673, 0.3430, 0.3284



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.



40.7680, 0.4332, 0.3273



35.4004, 0.4713, 0.3271



59.8732, 0.4076, 0.3849



17.2300, 0.3291, 0.3286



10.7876, 0.6383, 0.3290



1.0008, 0.6339, 0.3266

Inverse Universe

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



40.7680, 0.4332, 0.3273



35.4004, 0.4713, 0.3271



53.1847, 0.2405, 0.2641



17.2300, 0.3291, 0.3286



10.7876, 0.6383, 0.3290



1.0008, 0.6339, 0.3266

Previews

White Background



This preview shows how the Yxy color 40.7659, 0.4332, 0.3273 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 40.7659, 0.4332, 0.3273 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 40.7659, 0.4332, 0.3273

Background



This preview shows how black text looks on a background with the Yxy color 40.7659, 0.4332, 0.3273.



This preview shows how white text looks on a background with the Yxy color 40.7659, 0.4332, 0.3273.

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

40.7659, 0.4332, 0.3273

Protanopia

40.9911, 0.3320, 0.3497

Deuteranopia

40.9389, 0.3745, 0.3681



Tritanopia

40.8806, 0.4268, 0.3189

Trichromacy



Original Color

40.7659, 0.4332, 0.3273



Protanomaly

39.9774, 0.3671, 0.3406



Deuteranomaly

40.3089, 0.3959, 0.3511



Tritanomaly

40.7876, 0.4302, 0.3220

Monochromacy



Original Color

40.7659, 0.4332, 0.3273



Achromatopsia

41.2543, 0.3127, 0.3290



Achromatomaly

40.0972, 0.3530, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.7659, 0.4332, 0.3273 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(252, 138, 140)` looks like.

```
.text, #text, p{  
    color:rgb(252, 138, 140)  
}
```

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(252, 138, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 138, 140) }
```

Border

The CSS property to change the border of an element to Yxy 40.7659, 0.4332, 0.3273 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(252, 138, 140) }
```

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

```
.border{ border-color:rgb(252, 138, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 138, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 138, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 138, 140);  
box-shadow:4px 4px 4px 4px rgb(252, 138,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 40.7659, 0.4332, 0.3273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 138, 140) }
```

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

```
.background{ background-color: rgb(252,  
138, 140) }
```

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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