

Converting Colors

$Y_{xy}(41.2822, 0.4192, 0.3187)$

Have a look what the booklet for
Yxy(41.2822, 0.4192, 0.3187)
contains.

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Color

Yxy(41.2822, 0.4192, 0.3187)

Conversions

Conversions Part 1

Format	Color
Hex	FA8C96
RGB	250, 140, 150
RGB Percent	98%, 55%, 59%
CMY	0.0197, 0.4509, 0.4119
CMYK	0.00, 0.44, 0.40, 0.02
HSL	355°, 92%, 76%
HSV	355°, 44%, 98%
XYZ	54.3003, 41.2822, 33.9506
YIQ	174.0300, 62.3500, 26.4300

Conversions

Conversions Part 2

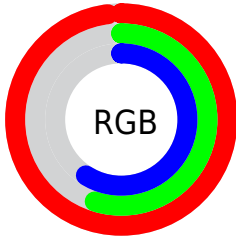
Format	Color
R _Y B	250, 140, 150
Decimal	16419990
CIE Lab	70.37, 42.58, 13.30
CIE LCh	70, 44.612, 17.343
Yxy	41.2822, 0.4192, 0.3187
Android (android.graphics.Color)	4294610070 (0xFFFA8C96)
YUV	174.0300, -11.8468, 66.6257
Hunter-Lab	64.2512, 38.4151, 13.6468

Details

The Yxy color **41.2822, 0.4192, 0.3187** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **80.2281, 0.2577, 0.3404**, and the grayscale version is **42.3834, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.6498, 0.3545, 0.3198**, and **18.6644, 0.4517, 0.3134** is the 20% darker color. If you saturate the color by 10%, you get **34.1259, 0.4588, 0.3170**, and if you desaturate by 10%, it is **50.2439, 0.3858, 0.3210**.

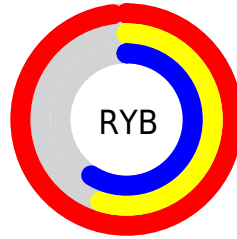
Distribution



Red (98%)

Green (55%)

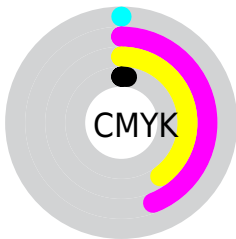
Blue (59%)



Red (98%)

Yellow (55%)

Blue (59%)

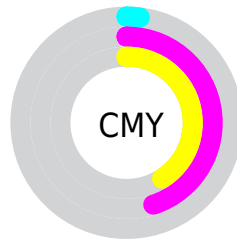


Cyan (0%)

Magenta (44%)

Yellow (40%)

Black (2%)



Cyan (2%)


Magenta (45%)

Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.2822, 0.4192, 0.3187 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 41.2822, 0.4192, 0.3187 by changing the saturation by 10% instead.

 41.2822, 0.4192,
0.3187


 41.2822, 0.4192,
0.3187

351.4987, 0.3644,
0.3256

 28.5397, 0.4332,
0.3164


 77.1121, 0.3990,
0.3216

 18.7329, 0.4514,
0.3132


 100.9682, 0.3915,
0.3226

 11.4774, 0.4757,
0.3083


 129.2977, 0.3852,
0.3233

 6.3889, 0.5099,
0.3005

162.4849, 0.3798,
0.3240

 3.0830, 0.5605,
0.2868

200.9142, 0.3752,
0.3245

 1.1752, 0.6598,
0.2673

244.9700, 0.3711,

 0.0413, 0.9639,

0.3249

0.0361

295.0367, 0.3676,
0.3253

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

41.2822, 0.4192,
0.3187

41.2822, 0.4192,
0.3187

34.1259, 0.4588,
0.3170

50.2439, 0.3858,
0.3210

28.6468, 0.5033,
0.3162

61.1155, 0.3584,
0.3234

24.7098, 0.5491,
0.3169

74.0010, 0.3364,
0.3258

22.1559, 0.5904,
0.3193

88.9947, 0.3187,
0.3281

■ 20.7919, 0.6206,
0.3233

■ 99.0600, 0.3096,
0.3290

■ 20.3804, 0.6322,
0.3256

Harmonies

Analogous

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



41.2822, 0.3636, 0.2746



41.2822, 0.4192, 0.3187



41.2822, 0.4421, 0.3680

Triad

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



41.2822, 0.4192, 0.3187



41.2822, 0.3172, 0.4402



41.2822, 0.2076, 0.2366

Complementary

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



41.2822, 0.4192, 0.3187



80.2281, 0.2577, 0.3404

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.



41.2822, 0.1984, 0.2691



41.2822, 0.4192, 0.3187



41.2822, 0.2574, 0.3933

Square

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



41.2822, 0.4192, 0.3187



41.2822, 0.3790, 0.4447



41.2822, 0.2152, 0.3260



41.2822, 0.2416, 0.2288

Rectangle

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



41.2822, 0.4192, 0.3187



41.2822, 0.4352, 0.3999



41.2822, 0.2152, 0.3260



41.2822, 0.2017, 0.2445

Sweetspot

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



41.2843, 0.4192, 0.3187



78.8510, 0.3345, 0.3261



44.0115, 0.3082, 0.2180



16.1898, 0.3389, 0.3255



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.



41.2843, 0.4192, 0.3187



36.3252, 0.4549, 0.3171



56.4974, 0.4078, 0.3759



17.2507, 0.3280, 0.3269



10.8212, 0.6301, 0.3245



1.0106, 0.6094, 0.3130

Inverse Universe

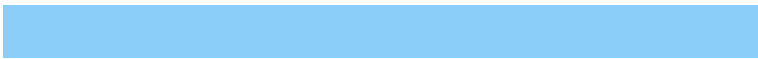
The Inverse Universe completely reimagines the original color for something new.



41.2843, 0.4192, 0.3187



36.3252, 0.4549, 0.3171



56.6191, 0.2440, 0.2756



17.2507, 0.3280, 0.3269



10.8212, 0.6301, 0.3245



1.0106, 0.6094, 0.3130

Previews

White Background



This preview shows how the Yxy color 41.2822, 0.4192, 0.3187 looks on a white background.

Color Contrast Check

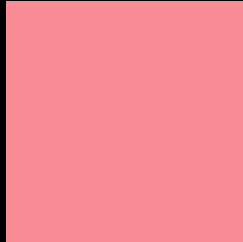
Large Text (above 18pt) WCAG AA × Fail

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 41.2822, 0.4192, 0.3187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

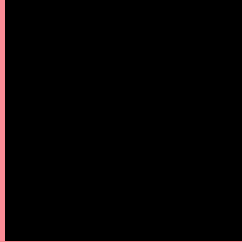
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.2822, 0.4192, 0.3187

Background



This preview shows how black text looks on a background with the Yxy color 41.2822, 0.4192, 0.3187.



This preview shows how white text looks on a background with the Yxy color 41.2822, 0.4192, 0.3187.

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

41.2822, 0.4192, 0.3187

Protanopia

41.6422, 0.3215, 0.3358

Deuteranopia

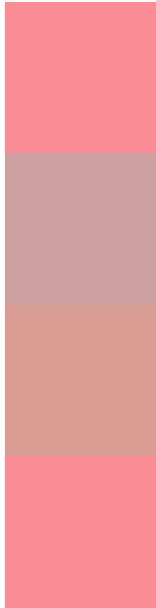
41.4589, 0.3637, 0.3564



Tritanopia

41.2822, 0.4192, 0.3187

Trichromacy



Original Color

41.2822, 0.4192, 0.3187

Protanomaly

40.5522, 0.3550, 0.3279

Deuteranomaly

41.1260, 0.3838, 0.3414

Tritanomaly

41.2822, 0.4192, 0.3187

Monochromacy



Original Color

41.2822, 0.4192, 0.3187

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.1138, 0.3487, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2822, 0.4192, 0.3187 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(250, 140, 150)` looks like.

```
.text, #text, p{  
    color:rgb(250, 140, 150)  
}
```

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(250, 140, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 140, 150) }
```

Border

The CSS property to change the border of an element to Yxy 41.2822, 0.4192, 0.3187 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(250, 140, 150) }
```

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

```
.border{ border-color:rgb(250, 140, 150) }
```

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

Here you see how a box with a 4 pixel rgb(250, 140, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 140, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 140, 150);  
box-shadow:4px 4px 4px 4px rgb(250, 140,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 41.2822, 0.4192, 0.3187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 140, 150) }
```

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

```
.background{ background-color: rgb(250,  
140, 150) }
```

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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