

Converting Colors

$Y_{xy}(50.3208, 0.4432, 0.3091)$

Have a look what the booklet for
Yxy(50.3208, 0.4432, 0.3091)
contains.

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Color

Yxy(42.6248, 0.4106, 0.3063)

Conversions

Conversions Part 1

Format	Color
Hex	FF8CA2
RGB	255, 140, 162
RGB Percent	100%, 55%, 64%
CMY	0.0000, 0.4509, 0.3647
CMYK	0.00, 0.45, 0.36, 0.00
HSL	349°, 100%, 77%
HSV	349°, 45%, 100%
XYZ	57.1392, 42.6248, 39.3963
YIQ	176.8930, 61.4780, 31.2220

Conversions

Conversions Part 2

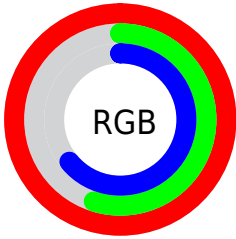
Format	Color
R _Y B	255, 140, 162
Decimal	16747682
CIE Lab	71.30, 45.70, 8.00
CIE LCh	71, 46.394, 9.931
Yxy	42.6248, 0.4106, 0.3063
Android (android.graphics.Color)	4294937762 (0xFFFF8CA2)
YUV	176.8930, -7.3422, 68.4998
Hunter-Lab	65.2877, 41.9683, 9.9242

Details

The Yxy color **42.6248, 0.4106, 0.3063** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82.9796, 0.2617, 0.3544**, and the grayscale version is **43.9239, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.7496, 0.3439, 0.3076**, and **19.5662, 0.4384, 0.2980** is the 20% darker color. If you saturate the color by 10%, you get **35.3437, 0.4461, 0.3023**, and if you desaturate by 10%, it is **51.7569, 0.3806, 0.3112**.

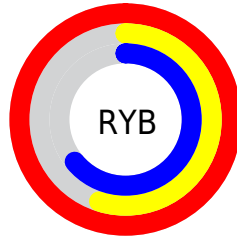
Distribution



Red (100%)

Green (55%)

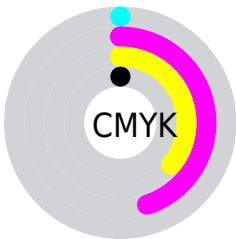
Blue (64%)



Red (100%)

Yellow (55%)

Blue (64%)

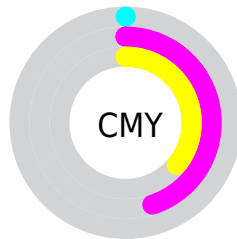


Cyan (0%)

Magenta (45%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (45%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.6248, 0.4106, 0.3063 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 42.6248, 0.4106, 0.3063 by changing the saturation by 10% instead.


 42.6248, 0.4106,
0.3063


 42.6248, 0.4106,
0.3063


357.0665, 0.3607,
0.3188


 29.5908, 0.4233,
0.3029


 79.1444, 0.3923,
0.3111

 19.5282, 0.4397,
0.2982


 103.3988, 0.3854,
0.3128

 12.0526, 0.4616,
0.2918


 132.1621, 0.3797,
0.3142

 6.7795, 0.4922,
0.2823

165.8187, 0.3748,
0.3154

 3.3246, 0.5377,
0.2671

204.7531, 0.3705,
0.3165

 1.3034, 0.6115,
0.2404

249.3496, 0.3668,

 0.1439, 0.9019,

0.3173

0.0981

299.9926, 0.3636,
0.3181

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

42.6248, 0.4106,
0.3063

42.6248, 0.4106,
0.3063

35.3437, 0.4461,
0.3023

51.7569, 0.3806,
0.3112

29.7803, 0.4862,
0.3001

62.8484, 0.3559,
0.3165

25.7940, 0.5284,
0.3005

76.0070, 0.3359,
0.3217

23.2185, 0.5685,
0.3044

91.3304, 0.3197,
0.3266

■ 21.8498, 0.6012,
0.3116

99.9999, 0.3127,
0.3290

■ 21.4796, 0.6137,
0.3155

Harmonies

Analogous

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



42.6248, 0.3482, 0.2637



42.6248, 0.4106, 0.3063



42.6248, 0.4438, 0.3561

Triad

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



42.6248, 0.4106, 0.3063



42.6248, 0.3333, 0.4490



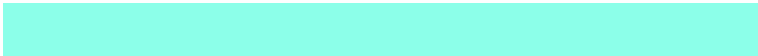
42.6248, 0.2002, 0.2398

Complementary

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



42.6248, 0.4106, 0.3063



82.9796, 0.2617, 0.3544

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.



42.6248, 0.1973, 0.2796



42.6248, 0.4106, 0.3063



42.6248, 0.2698, 0.4106

Square

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



42.6248, 0.4106, 0.3063



42.6248, 0.3945, 0.4427



42.6248, 0.2210, 0.3429



42.6248, 0.2288, 0.2260

Rectangle

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



42.6248, 0.4106, 0.3063



42.6248, 0.4432, 0.3896



42.6248, 0.2210, 0.3429



42.6248, 0.1963, 0.2501

Sweetspot

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



42.6269, 0.4106, 0.3063



77.5777, 0.3339, 0.3222



43.1345, 0.2982, 0.2119



15.9477, 0.3378, 0.3211



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.



42.6269, 0.4106, 0.3063



36.0550, 0.4419, 0.3027



53.6214, 0.4170, 0.3653



18.0438, 0.3264, 0.3245



11.2397, 0.6103, 0.3135



1.1086, 0.5809, 0.2974

Inverse Universe

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



42.6269, 0.4106, 0.3063



36.0550, 0.4419, 0.3027



64.2464, 0.2448, 0.2881



18.0438, 0.3264, 0.3245



11.2397, 0.6103, 0.3135



1.1086, 0.5809, 0.2974

Previews

White Background



This preview shows how the Yxy color 42.6248, 0.4106, 0.3063 looks on a white background.

Color Contrast Check

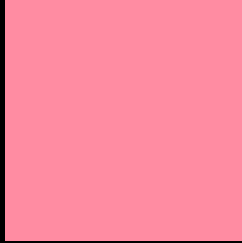
Large Text (above 18pt) WCAG AA × Fail

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 42.6248, 0.4106, 0.3063 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 42.6248, 0.4106, 0.3063

Background



This preview shows how black text looks on a background with the Yxy color 42.6248, 0.4106, 0.3063.



This preview shows how white text looks on a background with the Yxy color 42.6248, 0.4106, 0.3063.

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

42.6248, 0.4106, 0.3063

Protanopia

42.8384, 0.3088, 0.3196

Deuteranopia

42.8160, 0.3506, 0.3446



Tritanopia

42.6838, 0.4199, 0.3188

Trichromacy



Original Color

42.6248, 0.4106, 0.3063



Protanomaly

41.8758, 0.3430, 0.3141



Deuteranomaly

42.0170, 0.3723, 0.3280



Tritanomaly

42.5209, 0.4159, 0.3136

Monochromacy



Original Color

42.6248, 0.4106, 0.3063



Achromatopsia

43.9657, 0.3127, 0.3290



Achromatomaly

42.5086, 0.3445, 0.3191

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.6248, 0.4106, 0.3063 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, 140, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 140, 162)  
}
```

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, 140, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 140, 162) }
```

Border

The CSS property to change the border of an element to Yxy 42.6248, 0.4106, 0.3063 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, 140, 162) }
```

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

```
.border{ border-color:rgb(255, 140, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 140, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 140, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 140, 162); box-shadow:4px 4px 4px 4px rgb(255, 140, 162) }
```


Background

The CSS property to change the background color of an element to Yxy 42.6248, 0.4106, 0.3063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 140, 162) }
```

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

```
.background{ background-color: rgb(255,  
140, 162) }
```

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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