

Converting Colors

$Y_{xy}(42.7382, 0.4015, 0.3162)$

Have a look what the booklet for
Yxy(42.7382, 0.4015, 0.3162)
contains.

Yxy(42.7831, 0.4016, 0.3161)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(42.7831, 0.4016, 0.3161)

Conversions

Conversions Part 1

Format	Color
Hex	F5939F
RGB	245, 147, 159
RGB Percent	96%, 58%, 62%
CMY	0.0391, 0.4236, 0.3763
CMYK	0.00, 0.40, 0.35, 0.04
HSL	353°, 83%, 77%
HSV	353°, 40%, 96%
XYZ	54.3552, 42.7831, 38.2084
YIQ	177.6700, 54.5560, 24.5080

Conversions

Conversions Part 2

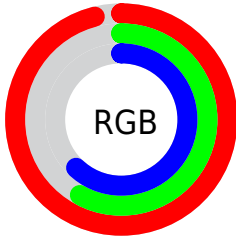
Format	Color
R_{YB}	245, 147, 159
Decimal	16094111
CIE _{Lab}	71.41, 38.27, 9.63
CIE _{LCh}	71, 39.460, 14.132
Yxy	42.7831, 0.4016, 0.3161
Android (android.graphics.Color)	4294284191 (0xFF5939F)
YUV	177.6700, -9.2043, 59.0484
Hunter-Lab	65.4088, 33.8696, 11.1520

Details

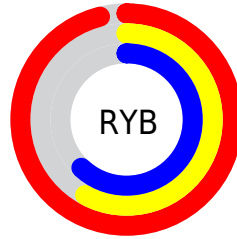
The Yxy color **42.7831, 0.4016, 0.3161** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **77.4011, 0.2632, 0.3430**, and the grayscale version is **44.3670, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.3561, 0.3453, 0.3168**, and **19.5272, 0.4278, 0.3098** is the 20% darker color. If you saturate the color by 10%, you get **35.2773, 0.4373, 0.3133**, and if you desaturate by 10%, it is **52.0454, 0.3719, 0.3194**.

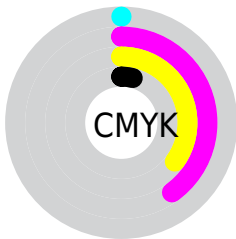
Distribution



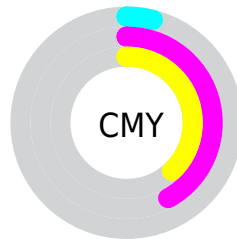
- Red (96%)
- Green (58%)
- Blue (62%)



- Red (96%)
- Yellow (58%)
- Blue (62%)



- Cyan (0%)
- Magenta (40%)
- Yellow (35%)
- Black (4%)





- Cyan (4%)
- Magenta (42%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.7831, 0.4016, 0.3161 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 42.7831, 0.4016, 0.3161 by changing the saturation by 10% instead.


 42.7831, 0.4016,
0.3161

 42.7831, 0.4016,
0.3161


357.7190, 0.3562,
0.3237

 29.7150, 0.4132,
0.3139


 79.3834, 0.3849,
0.3191

 19.6223, 0.4282,
0.3108


 103.6845, 0.3787,
0.3202

 12.1208, 0.4483,
0.3064


132.4985, 0.3734,
0.3210

 6.8260, 0.4765,
0.2996

166.2101, 0.3690,
0.3217

 3.3535, 0.5188,
0.2881

205.2035, 0.3651,
0.3223

 1.3190, 0.5901,
0.2676

249.8632, 0.3618,

 0.1558, 0.8765,

0.3228

0.1235

300.5736, 0.3588,
0.3233

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

42.7831, 0.4016,
0.3161

42.7831, 0.4016,
0.3161

35.2773, 0.4373,
0.3133

52.0454, 0.3719,
0.3194

29.4112, 0.4785,
0.3115

63.1590, 0.3478,
0.3227

25.0634, 0.5231,
0.3112

76.2193, 0.3283,
0.3260

22.0932, 0.5666,
0.3132

91.3133, 0.3127,
0.3290

■ 20.3334, 0.6030,
0.3176

■ 98.1561, 0.3066,
0.3290

■ 19.5103, 0.6273,
0.3230

Harmonies

Analogous

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



42.7831, 0.3514, 0.2772



42.7831, 0.4016, 0.3161



42.7831, 0.4255, 0.3602

Triad

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



42.7831, 0.4016, 0.3161



42.7831, 0.3236, 0.4273



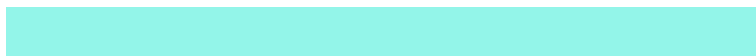
42.7831, 0.2174, 0.2495

Complementary

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



42.7831, 0.4016, 0.3161



77.4011, 0.2632, 0.3430

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.



42.7831, 0.2117, 0.2816



42.7831, 0.4016, 0.3161



42.7831, 0.2697, 0.3902

Square

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



42.7831, 0.4016, 0.3161



42.7831, 0.3772, 0.4289



42.7831, 0.2297, 0.3333



42.7831, 0.2458, 0.2397

Rectangle

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



42.7831, 0.4016, 0.3161



42.7831, 0.4224, 0.3886



42.7831, 0.2297, 0.3333



42.7831, 0.2129, 0.2577

Sweetspot

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



42.7852, 0.4016, 0.3161



80.3968, 0.3319, 0.3253



44.6059, 0.3061, 0.2269



16.7933, 0.3343, 0.3249



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.



42.7852, 0.4016, 0.3161



40.0523, 0.4300, 0.3138



55.3627, 0.3981, 0.3682



16.5156, 0.3274, 0.3261



10.5192, 0.6248, 0.3215



0.9349, 0.5978, 0.3067

Inverse Universe

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



42.7852, 0.4016, 0.3161



40.0523, 0.4300, 0.3138



58.4344, 0.2507, 0.2854



16.5156, 0.3274, 0.3261



10.5192, 0.6248, 0.3215



0.9349, 0.5978, 0.3067

Previews

White Background



This preview shows how the Yxy color 42.7831, 0.4016, 0.3161 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 42.7831, 0.4016, 0.3161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

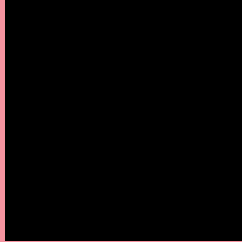
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.7831, 0.4016, 0.3161

Background



This preview shows how black text looks on a background with the Yxy color 42.7831, 0.4016, 0.3161.



This preview shows how white text looks on a background with the Yxy color 42.7831, 0.4016, 0.3161.

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

42.7831, 0.4016, 0.3161

Protanopia

42.9118, 0.3172, 0.3290

Deuteranopia

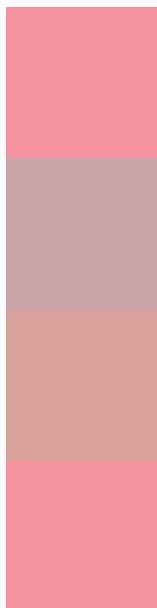
43.0219, 0.3544, 0.3471



Tritanopia

42.7485, 0.4027, 0.3172

Trichromacy



Original Color

42.7831, 0.4016, 0.3161

Protanomaly

42.1120, 0.3454, 0.3228

Deuteranomaly

42.4890, 0.3714, 0.3353

Tritanomaly

42.7485, 0.4027, 0.3172

Monochromacy



Original Color

42.7831, 0.4016, 0.3161

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.1343, 0.3420, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.7831, 0.4016, 0.3161 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(245, 147, 159)` looks like.

```
.text, #text, p{  
    color:rgb(245, 147, 159)  
}
```

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(245, 147, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 147, 159) }
```

Border

The CSS property to change the border of an element to Yxy 42.7831, 0.4016, 0.3161 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(245, 147, 159) }
```

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

```
.border{ border-color:rgb(245, 147, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 147, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 147, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 147, 159);  
box-shadow:4px 4px 4px 4px rgb(245, 147,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 42.7831, 0.4016, 0.3161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 147, 159) }
```

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

```
.background{ background-color: rgb(245,  
147, 159) }
```

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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