

Converting Colors

Yxy(61.1430, 0.3676, 0.3385)

Have a look what the booklet for
Yxy(61.1430, 0.3676, 0.3385)
contains.

| | |
|--|----|
| Yxy(61.2579, 0.3675, 0.3387) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 27 |
| <i>CSS Examples</i> | 30 |

Color

Yxy(61.2579, 0.3675, 0.3387)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F9C0B7 |
| RGB | 249, 192, 183 |
| RGB Percent | 98%, 75%, 72% |
| CMY | 0.0235, 0.2470, 0.2822 |
| CMYK | 0.00, 0.23, 0.26, 0.02 |
| HSL | 8°, 85%, 85% |
| HSV | 8°, 26%, 98% |
| XYZ | 66.4667, 61.2579, 53.1372 |
| YIQ | 208.0170, 36.8610, 9.2850 |

Conversions

Conversions Part 2

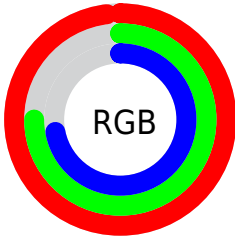
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 249, 193, 183 |
| Decimal | 16367799 |
| CIE Lab | 82.52, 19.16, 12.40 |
| CIE LCh | 83, 22.821, 32.898 |
| Yxy | 61.2579, 0.3675, 0.3387 |
| Android (android.graphics.Color) | 4294557879 (0xFFF9C0B7) |
| YUV | 208.0170, -12.3334, 35.9421 |
| Hunter-Lab | 78.2674, 14.6188, 14.5341 |

Details

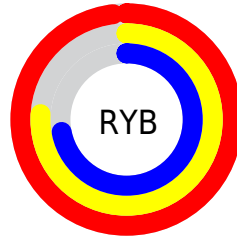
The Yxy color **61.2579, 0.3675, 0.3387** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.2494, 0.2730, 0.3190**, and the grayscale version is **63.1546, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2434, 0.3225, 0.3387**, and **30.8650, 0.3814, 0.3402** is the 20% darker color. If you saturate the color by 10%, you get **51.5462, 0.3969, 0.3426**, and if you desaturate by 10%, it is **72.5397, 0.3433, 0.3349**.

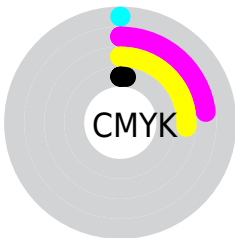
Distribution



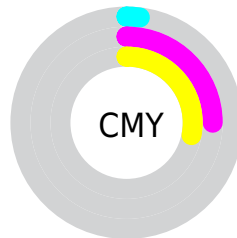
- Red (98%)
- Green (75%)
- Blue (72%)



- Red (98%)
- Yellow (76%)
- Blue (72%)



- Cyan (0%)
- Magenta (23%)
- Yellow (26%)
- Black (2%)





- Cyan (2%)
- Magenta (25%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.2579, 0.3675, 0.3387 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 61.2579, 0.3675, 0.3387 by changing the saturation by 10% instead.


 61.2579, 0.3675,
0.3387

 61.2579, 0.3675,
0.3387

429.2190, 0.3411,
0.3346

 44.4333, 0.3738,
0.3395

 106.6523, 0.3581,
0.3374

 31.0113, 0.3817,
0.3404


135.9909, 0.3546,
0.3368

 20.6075, 0.3919,
0.3415


170.2696, 0.3515,
0.3364

 12.8374, 0.4056,
0.3426

209.8728, 0.3488,
0.3359

 7.3167, 0.4250,
0.3437

255.1850, 0.3465,
0.3356

 3.6609, 0.4541,
0.3442

306.5905, 0.3445,

 1.4858, 0.5061,


0.3352

0.3448

364.4737, 0.3427,
0.3349


 0.2787, 0.7244,
0.2756

 0.0000, 0.0000,
0.0000


 61.2579, 0.3675,
0.3387


 61.2579, 0.3675,
0.3387


 51.5462, 0.3969,
0.3426


 72.5397, 0.3433,
0.3349

 43.3267, 0.4319,
0.3461

 85.4482, 0.3236,
0.3312

 36.5277, 0.4722,
0.3489

 98.8801, 0.3090,
0.3290

 31.0682, 0.5162,
0.3502

■ 26.8588, 0.5598,
0.3493

■ 23.7993, 0.5974,
0.3457

■ 21.7731, 0.6234,
0.3400

■ 21.2761, 0.6298,
0.3381

Harmonies

Analogous

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



61.2579, 0.3498, 0.3146



61.2579, 0.3675, 0.3387



61.2579, 0.3696, 0.3617

Triad

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



61.2579, 0.3675, 0.3387



61.2579, 0.3015, 0.3675



61.2579, 0.2702, 0.2819

Complementary

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



61.2579, 0.3675, 0.3387



79.2494, 0.2730, 0.3190

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.



61.2579, 0.2587, 0.2932



61.2579, 0.3675, 0.3387



61.2579, 0.2762, 0.3429

Square

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



61.2579, 0.3675, 0.3387



61.2579, 0.3307, 0.3802



61.2579, 0.2608, 0.3152



61.2579, 0.2930, 0.2828

Rectangle

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



61.2579, 0.3675, 0.3387



61.2579, 0.3620, 0.3734



61.2579, 0.2608, 0.3152



61.2579, 0.2649, 0.2844

Sweetspot

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



61.2607, 0.3675, 0.3387



88.0203, 0.3263, 0.3318



60.3238, 0.3225, 0.2711



18.3852, 0.3291, 0.3323



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.



61.2607, 0.3675, 0.3387



58.7801, 0.3831, 0.3409



77.3096, 0.3588, 0.3724



17.6056, 0.3291, 0.3323



11.5043, 0.6280, 0.3396



1.1791, 0.6093, 0.3544

Inverse Universe

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



79.2494, 0.2730, 0.3190



80.7935, 0.2653, 0.3167



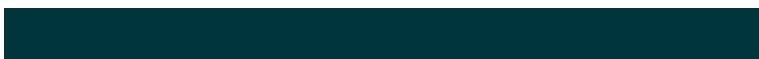
61.6436, 0.2693, 0.2814



19.1823, 0.2980, 0.3257



29.8698, 0.2126, 0.2853



2.8742, 0.2142, 0.2910

Previews

White Background



This preview shows how the Yxy color 61.2579, 0.3675, 0.3387 looks on a white background.

Color Contrast Check

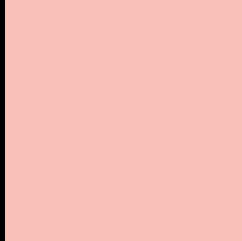
Large Text (above 18pt) WCAG AA × Fail

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 61.2579, 0.3675, 0.3387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

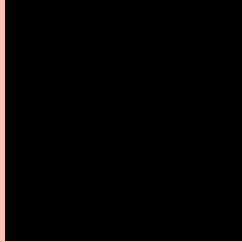
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.2579, 0.3675, 0.3387

Background



This preview shows how black text looks on a background with the Yxy color 61.2579, 0.3675, 0.3387.



This preview shows how white text looks on a background with the Yxy color 61.2579, 0.3675, 0.3387.

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

61.2579, 0.3675, 0.3387

Protanopia

61.5265, 0.3298, 0.3464

Deuteranopia

61.2580, 0.3543, 0.3469



Tritanopia

61.2162, 0.3532, 0.3145

Trichromacy



Original Color

61.2579, 0.3675, 0.3387

Protanomaly

61.0652, 0.3433, 0.3438

Deuteranomaly

61.2080, 0.3589, 0.3445

Tritanomaly

61.1364, 0.3580, 0.3228

Monochromacy



Original Color

61.2579, 0.3675, 0.3387

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.0526, 0.3314, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2579, 0.3675, 0.3387 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(249, 192, 183)` looks like.

```
.text, #text, p{  
    color:rgb(249, 192, 183)  
}
```

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(249, 192, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 192, 183) }
```

Border

The CSS property to change the border of an element to Yxy 61.2579, 0.3675, 0.3387 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(249, 192, 183) }
```

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

```
.border{ border-color:rgb(249, 192, 183) }
```

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

Here you see how a box with a 4 pixel rgb(249, 192, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 192, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 192, 183);  
box-shadow:4px 4px 4px 4px rgb(249, 192,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2579, 0.3675, 0.3387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 192, 183) }
```

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

```
.background{ background-color: rgb(249,  
192, 183) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor