

Converting Colors

Yxy(61.8093, 0.3645, 0.3345)

Have a look what the booklet for
Yxy(61.8093, 0.3645, 0.3345)
contains.

Yxy(61.6111, 0.3650, 0.3344)	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(61.6111, 0.3650, 0.3344)

Conversions

Conversions Part 1

Format	Color
Hex	FAC0BB
RGB	250, 192, 187
RGB Percent	98%, 75%, 73%
CMY	0.0196, 0.2471, 0.2665
CMYK	0.00, 0.23, 0.25, 0.02
HSL	5°, 86%, 86%
HSV	5°, 25%, 98%
XYZ	67.2490, 61.6111, 55.3837
YIQ	208.7720, 36.1730, 10.7410

Conversions

Conversions Part 2

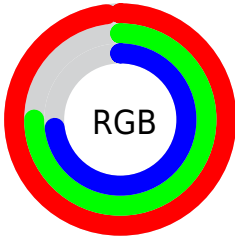
Format	Color
R _Y B	250, 192, 187
Decimal	16433339
CIE Lab	82.71, 20.08, 10.53
CIE LCh	83, 22.676, 27.677
Yxy	61.6111, 0.3650, 0.3344
Android (android.graphics.Color)	4294623419 (0xFFFA0BB)
YUV	208.7720, -10.7336, 36.1570
Hunter-Lab	78.4927, 15.5683, 13.1105

Details

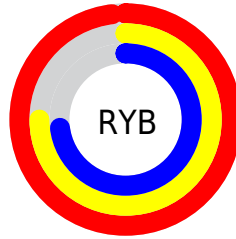
The Yxy color **61.6111, 0.3650, 0.3344** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.8074, 0.2752, 0.3235**, and the grayscale version is **63.6612, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.4824, 0.3201, 0.3348**, and **31.1047, 0.3780, 0.3347** is the 20% darker color. If you saturate the color by 10%, you get **51.2992, 0.3947, 0.3367**, and if you desaturate by 10%, it is **73.6978, 0.3408, 0.3322**.

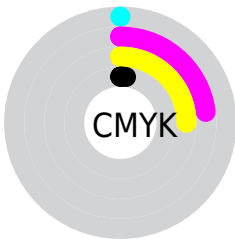
Distribution



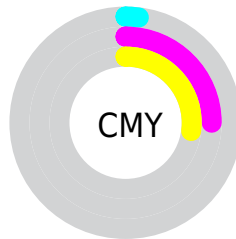
- Red (98%)
- Green (75%)
- Blue (73%)



- Red (98%)
- Yellow (75%)
- Blue (73%)



- Cyan (0%)
- Magenta (23%)
- Yellow (25%)
- Black (2%)





- Cyan (2%)
- Magenta (25%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.6111, 0.3650, 0.3344 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 61.6111, 0.3650, 0.3344 by changing the saturation by 10% instead.


 61.6111, 0.3650,
0.3344

 61.6111, 0.3650,
0.3344


430.5111, 0.3398,
0.3323

 44.7185, 0.3710,
0.3348


 107.1633, 0.3561,
0.3338

 31.2358, 0.3785,
0.3351


136.5917, 0.3527,
0.3335

 20.7785, 0.3882,
0.3355


170.9674, 0.3497,
0.3333

 12.9622, 0.4013,
0.3358

210.6750, 0.3472,
0.3330

 7.4025, 0.4197,
0.3357

256.0988, 0.3450,
0.3328

 3.7151, 0.4475,
0.3348

307.6231, 0.3431,

 1.5155, 0.4946,

0.3326

0.3314

365.6324, 0.3414,
0.3325

0.2996, 0.7212,
0.2788

0.0000, 0.0000,
0.0000

61.6111, 0.3650,
0.3344

61.6111, 0.3650,
0.3344

51.2992, 0.3947,
0.3367

73.6978, 0.3408,
0.3322

42.6704, 0.4305,
0.3388

87.6284, 0.3213,
0.3300

35.6379, 0.4722,
0.3405

99.0654, 0.3096,
0.3290

30.1037, 0.5179,
0.3412

■ 25.9588, 0.5635,
0.3406

■ 23.0796, 0.6023,
0.3384

■ 21.3203, 0.6280,
0.3349

■ 20.8147, 0.6356,
0.3335

Harmonies

Analogous

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



61.6111, 0.3452, 0.3108



61.6111, 0.3650, 0.3344



61.6111, 0.3700, 0.3578

Triad

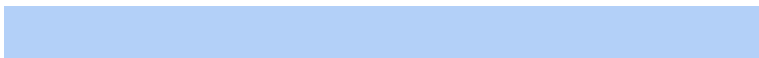
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61.6111, 0.3650, 0.3344



61.6111, 0.3066, 0.3704



61.6111, 0.2676, 0.2834

Complementary

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



61.6111, 0.3650, 0.3344



82.8074, 0.2752, 0.3235

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.



61.6111, 0.2585, 0.2966



61.6111, 0.3650, 0.3344



61.6111, 0.2803, 0.3475

Square

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



61.6111, 0.3650, 0.3344



61.6111, 0.3354, 0.3804



61.6111, 0.2630, 0.3199



61.6111, 0.2886, 0.2821

Rectangle

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



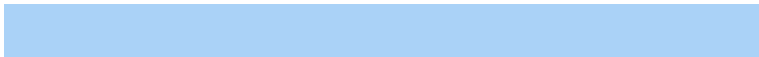
61.6111, 0.3650, 0.3344



61.6111, 0.3642, 0.3704



61.6111, 0.2630, 0.3199



61.6111, 0.2631, 0.2865

Sweetspot

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



61.6140, 0.3650, 0.3344



87.3449, 0.3264, 0.3306



62.5256, 0.3188, 0.2700



18.2167, 0.3293, 0.3309



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.



61.6140, 0.3650, 0.3344



58.9935, 0.3786, 0.3355



76.5421, 0.3573, 0.3660



17.4447, 0.3292, 0.3309



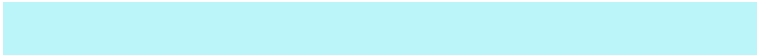
11.1182, 0.6343, 0.3345



1.1031, 0.6215, 0.3447

Inverse Universe

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



82.8074, 0.2752, 0.3235



84.4809, 0.2686, 0.3223



65.7312, 0.2720, 0.2889



19.3609, 0.2980, 0.3271



33.8719, 0.2178, 0.3042



3.2045, 0.2187, 0.3073

Previews

White Background



This preview shows how the Yxy color 61.6111, 0.3650, 0.3344 looks on a white background.

Color Contrast Check

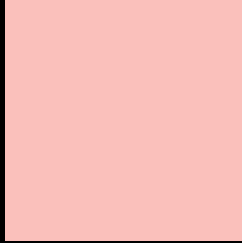
Large Text (above 18pt) WCAG AA × Fail

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 61.6111, 0.3650, 0.3344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

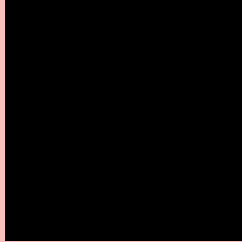
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.6111, 0.3650, 0.3344

Background



This preview shows how black text looks on a background with the Yxy color 61.6111, 0.3650, 0.3344.



This preview shows how white text looks on a background with the Yxy color 61.6111, 0.3650, 0.3344.

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

61.6111, 0.3650, 0.3344

Protanopia

61.7038, 0.3268, 0.3418

Deuteranopia

61.8844, 0.3509, 0.3435



Tritanopia

61.4503, 0.3532, 0.3135

Trichromacy



Original Color

61.6111, 0.3650, 0.3344

Protanomaly

61.2389, 0.3402, 0.3392

Deuteranomaly

61.5503, 0.3565, 0.3400

Tritanomaly

61.4134, 0.3572, 0.3207

Monochromacy



Original Color

61.6111, 0.3650, 0.3344

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

62.7762, 0.3306, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.6111, 0.3650, 0.3344 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, 192, 187)` looks like.

```
.text, #text, p{  
    color:rgb(250, 192, 187)  
}
```

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, 192, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 192, 187) }
```

Border

The CSS property to change the border of an element to Yxy 61.6111, 0.3650, 0.3344 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, 192, 187) }
```

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

```
.border{ border-color:rgb(250, 192, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 192, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 192, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 192, 187);  
box-shadow:4px 4px 4px 4px rgb(250, 192,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 61.6111, 0.3650, 0.3344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 192, 187) }
```

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

```
.background{ background-color: rgb(250,  
192, 187) }
```

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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