

Converting Colors

$Y_{xy}(109.5237, 0.4968, 0.3381)$

Have a look what the booklet for
Yxy(109.5237, 0.4968, 0.3381)
contains.

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Color

Yxy(61.2215, 0.3791, 0.3439)

Conversions

Conversions Part 1

Format	Color
Hex	FFBEB0
RGB	255, 190, 176
RGB Percent	100%, 75%, 69%
CMY	0.0000, 0.2549, 0.3100
CMYK	0.00, 0.25, 0.31, 0.00
HSL	11°, 100%, 85%
HSV	11°, 31%, 100%
XYZ	67.4878, 61.2215, 49.3119
YIQ	207.8390, 43.2340, 9.4260

Conversions

Conversions Part 2

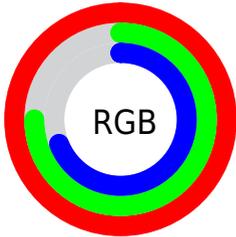
Format	Color
R _Y B	255, 193, 176
Decimal	16760496
CIE Lab	82.50, 21.51, 16.23
CIE LCh	82, 26.946, 37.047
Yxy	61.2215, 0.3791, 0.3439
Android (android.graphics.Color)	4294950576 (0xFFFFBEB0)
YUV	207.8390, -15.6966, 41.3602
Hunter-Lab	78.2442, 17.0341, 17.4045

Details

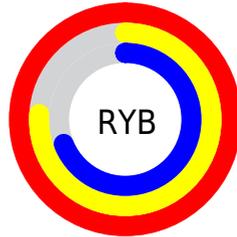
The Yxy color **61.2215, 0.3791, 0.3439** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.3263, 0.2663, 0.3134**, and the grayscale version is **63.0486, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6077, 0.3270, 0.3437**, and **30.9087, 0.3971, 0.3467** is the 20% darker color. If you saturate the color by 10%, you get **51.8680, 0.4101, 0.3488**, and if you desaturate by 10%, it is **72.0750, 0.3532, 0.3389**.

Distribution



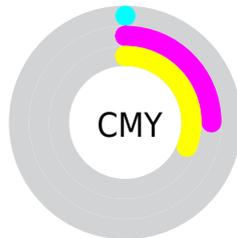
- Red (100%)
- Green (75%)
- Blue (69%)



- Red (100%)
- Yellow (76%)
- Blue (69%)



- Cyan (0%)
- Magenta (25%)
- Yellow (31%)
- Black (0%)



- Cyan (0%)
- Magenta (25%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.2215, 0.3791, 0.3439 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 61.2215, 0.3791, 0.3439 by changing the saturation by 10% instead.

 61.2215, 0.3791,
0.3439

 61.2215, 0.3791,
0.3439

429.0857, 0.3471,
0.3377

 44.4040, 0.3867,
0.3451

 106.5996, 0.3677,
0.3419

 30.9882, 0.3963,
0.3465

135.9289, 0.3634,
0.3410

 20.5899, 0.4086,
0.3481

170.1976, 0.3597,
0.3403

 12.8245, 0.4251,
0.3499

209.7901, 0.3565,
0.3397

 7.3078, 0.4482,
0.3515

255.0908, 0.3537,
0.3391

 3.6554, 0.4825,
0.3522

306.4840, 0.3512,

 1.4827, 0.5522,

0.3386

0.3581

364.3542, 0.3490,
0.3381

 0.2765, 0.7402,
0.2598

 0.0000, 0.0000,
0.0000

 61.2215, 0.3791,
0.3439

 61.2215, 0.3791,
0.3439

 51.8680, 0.4101,
0.3488

 72.0750, 0.3532,
0.3389

 43.9425, 0.4464,
0.3532

 84.4848, 0.3318,
0.3340

 37.3759, 0.4871,
0.3562

 98.5112, 0.3143,
0.3294

 32.0906, 0.5300,
0.3570

100.0000, 0.3127,
0.3290

■ 28.0013, 0.5707,
0.3548

■ 25.0116, 0.6038,
0.3493

■ 23.1618, 0.6241,
0.3426

Harmonies

Analogous

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



61.2215, 0.3604, 0.3156



61.2215, 0.3791, 0.3439



61.2215, 0.3787, 0.3703

Triad

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



61.2215, 0.3791, 0.3439



61.2215, 0.2947, 0.3714



61.2215, 0.2657, 0.2731

Complementary

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



61.2215, 0.3791, 0.3439



79.3263, 0.2663, 0.3134

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.



61.2215, 0.2504, 0.2840



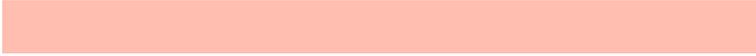
61.2215, 0.3791, 0.3439



61.2215, 0.2664, 0.3406

Square

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



61.2215, 0.3791, 0.3439



61.2215, 0.3289, 0.3890



61.2215, 0.2506, 0.3082



61.2215, 0.2938, 0.2762

Rectangle

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



61.2215, 0.3791, 0.3439



61.2215, 0.3679, 0.3833



61.2215, 0.2506, 0.3082



61.2215, 0.2590, 0.2752

Sweetspot

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



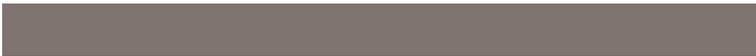
61.2234, 0.3791, 0.3439



87.1545, 0.3281, 0.3331



58.6947, 0.3265, 0.2634



18.2369, 0.3308, 0.3337



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.



61.2234, 0.3791, 0.3439



55.4317, 0.3971, 0.3469



80.2396, 0.3671, 0.3826



18.5090, 0.3290, 0.3333



12.2526, 0.6219, 0.3444



1.3287, 0.6021, 0.3601

Inverse Universe

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



79.3263, 0.2663, 0.3134



76.0433, 0.2581, 0.3100



58.8299, 0.2610, 0.2687



19.8998, 0.2980, 0.3247



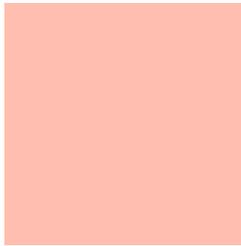
27.9729, 0.2086, 0.2710



2.8608, 0.2107, 0.2784

Previews

White Background



This preview shows how the Yxy color 61.2215, 0.3791, 0.3439 looks on a white background.

Color Contrast Check

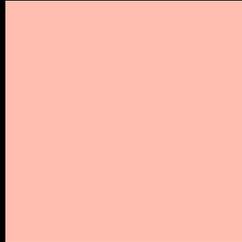
Large Text (above 18pt) WCAG AA × Fail

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 61.2215, 0.3791, 0.3439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

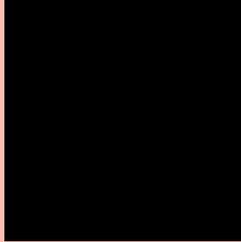
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.2215, 0.3791, 0.3439

Background



This preview shows how black text looks on a background with the Yxy color 61.2215, 0.3791, 0.3439.



This preview shows how white text looks on a background with the Yxy color 61.2215, 0.3791, 0.3439.

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

61.2215, 0.3791, 0.3439

Protanopia

61.4195, 0.3350, 0.3535

Deuteranopia

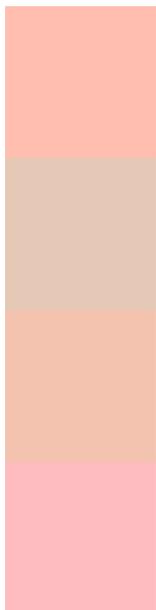
61.4487, 0.3632, 0.3556



Tritanopia

61.0177, 0.3586, 0.3146

Trichromacy



Original Color

61.2215, 0.3791, 0.3439

Protanomaly

61.3028, 0.3505, 0.3504

Deuteranomaly

61.3585, 0.3691, 0.3508

Tritanomaly

61.0322, 0.3660, 0.3250

Monochromacy



Original Color

61.2215, 0.3791, 0.3439

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

61.7664, 0.3354, 0.3347

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2215, 0.3791, 0.3439 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, 190, 176)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 176)  
}
```

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, 190, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 176) }
```

Border

The CSS property to change the border of an element to Yxy 61.2215, 0.3791, 0.3439 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, 190, 176) }
```

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

```
.border{ border-color:rgb(255, 190, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 190, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 176);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
176) }
```

Background

The CSS property to change the background color of an element to Yxy 61.2215, 0.3791, 0.3439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 190, 176) }
```

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

```
.background{ background-color: rgb(255,  
190, 176) }
```

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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