

Converting Colors

Yxy(61.5556, 0.3644, 0.3244)

Have a look what the booklet for
Yxy(61.5556, 0.3644, 0.3244)
contains.

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Color

Yxy(61.5502, 0.3641, 0.3240)

Conversions

Conversions Part 1

Format	Color
Hex	FFBDC2
RGB	255, 189, 194
RGB Percent	100%, 74%, 76%
CMY	0.0001, 0.2588, 0.2394
CMYK	0.00, 0.26, 0.24, 0.00
HSL	356°, 100%, 87%
HSV	356°, 26%, 100%
XYZ	69.1680, 61.5502, 59.2516
YIQ	209.3040, 37.7310, 15.5470

Conversions

Conversions Part 2

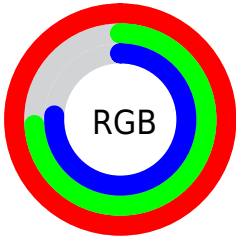
Format	Color
R _Y B	255, 189, 194
Decimal	16760258
CIE Lab	82.67, 24.42, 6.84
CIE LCh	83, 25.361, 15.654
Yxy	61.5502, 0.3641, 0.3240
Android (android.graphics.Color)	4294950338 (0xFFFFBDC2)
YUV	209.3040, -7.5449, 40.0754
Hunter-Lab	78.4539, 20.0780, 10.1396

Details

The Yxy color **61.5502, 0.3641, 0.3240** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.2369, 0.2771, 0.3342**, and the grayscale version is **64.0012, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.0737, 0.3161, 0.3252**, and **31.0917, 0.3778, 0.3225** is the 20% darker color. If you saturate the color by 10%, you get **50.5526, 0.3931, 0.3220**, and if you desaturate by 10%, it is **74.6501, 0.3407, 0.3260**.

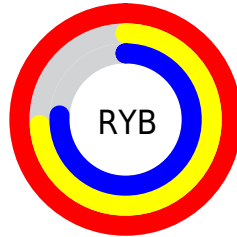
Distribution



Red (100%)

Green (74%)

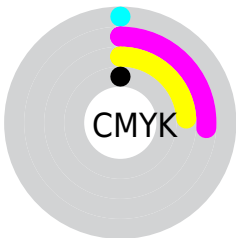
Blue (76%)



Red (100%)

Yellow (74%)

Blue (76%)

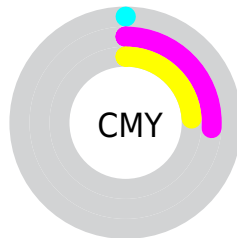


Cyan (0%)

Magenta (26%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (26%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.5502, 0.3641, 0.3240 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 61.5502, 0.3641, 0.3240 by changing the saturation by 10% instead.


 61.5502, 0.3641,
0.3240

 61.5502, 0.3641,
0.3240

430.2885, 0.3394,
0.3268

 44.6693, 0.3700,
0.3232


 107.0752, 0.3554,
0.3251

 31.1971, 0.3773,
0.3223

136.4881, 0.3520,
0.3254

 20.7490, 0.3869,
0.3209

170.8472, 0.3491,
0.3258

 12.9406, 0.3997,
0.3189

210.5368, 0.3467,
0.3260

 7.3877, 0.4177,
0.3158

255.9413, 0.3445,
0.3263

 3.7057, 0.4449,
0.3106


307.4452, 0.3426,

 1.5103, 0.4904,


0.3264


0.3004


365.4328, 0.3409,
0.3266


 0.2960, 0.7479,
0.2521


 0.0000, 0.0000,
0.0000

 61.5502, 0.3641,
0.3240


 61.5502, 0.3641,
0.3240

 50.5526, 0.3931,
0.3220


 74.6501, 0.3407,
0.3260

 41.5399, 0.4284,
0.3202

 89.9447, 0.3219,
0.3279

 34.3961, 0.4699,
0.3189

99.9974, 0.3127,
0.3290

 28.9901, 0.5157,
0.3186

■ 25.1733, 0.5615,
0.3195

■ 22.7726, 0.6009,
0.3220

■ 21.5741, 0.6273,
0.3255

■ 21.3049, 0.6341,
0.3267

Harmonies

Analogous

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



61.5502, 0.3369, 0.2995



61.5502, 0.3641, 0.3240



61.5502, 0.3769, 0.3508

Triad

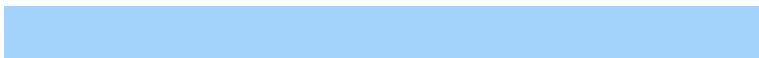
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61.5502, 0.3641, 0.3240



61.5502, 0.3187, 0.3822



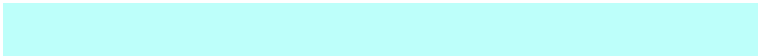
61.5502, 0.2567, 0.2824

Complementary

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



61.5502, 0.3641, 0.3240



89.2369, 0.2771, 0.3342

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.



61.5502, 0.2526, 0.3019



61.5502, 0.3641, 0.3240



61.5502, 0.2873, 0.3613

Square

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



61.5502, 0.3641, 0.3240



61.5502, 0.3496, 0.3862



61.5502, 0.2634, 0.3310



61.5502, 0.2750, 0.2758

Rectangle

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



61.5502, 0.3641, 0.3240



61.5502, 0.3752, 0.3670



61.5502, 0.2634, 0.3310



61.5502, 0.2537, 0.2876

Sweetspot

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



61.5531, 0.3641, 0.3240



86.5115, 0.3256, 0.3275



63.8511, 0.3116, 0.2635



18.0092, 0.3283, 0.3273



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.



61.5531, 0.3641, 0.3240



55.6634, 0.3782, 0.3230



74.3026, 0.3612, 0.3573



18.0092, 0.3283, 0.3273



11.1415, 0.6323, 0.3257



1.0921, 0.6153, 0.3163

Inverse Universe

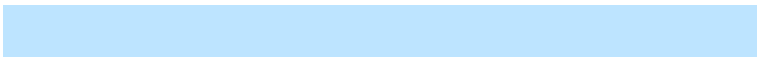
The Inverse Universe completely reimagines the original color for something new.



61.5531, 0.3641, 0.3240



55.6634, 0.3782, 0.3230



73.2515, 0.2719, 0.2988



18.0092, 0.3283, 0.3273



11.1415, 0.6323, 0.3257



1.0921, 0.6153, 0.3163

Previews

White Background



This preview shows how the Yxy color 61.5502, 0.3641, 0.3240 looks on a white background.

Color Contrast Check

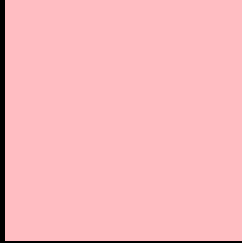
Large Text (above 18pt) WCAG AA × Fail

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 61.5502, 0.3641, 0.3240 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 61.5502, 0.3641, 0.3240

Background



This preview shows how black text looks on a background with the Yxy color 61.5502, 0.3641, 0.3240.



This preview shows how white text looks on a background with the Yxy color 61.5502, 0.3641, 0.3240.

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

61.5502, 0.3641, 0.3240

Protanopia

61.6761, 0.3180, 0.3313

Deuteranopia

61.6415, 0.3437, 0.3369



Tritanopia

61.4907, 0.3576, 0.3146

Trichromacy



Original Color

61.5502, 0.3641, 0.3240

Protanomaly

61.1857, 0.3334, 0.3279

Deuteranomaly

61.4057, 0.3511, 0.3313

Tritanomaly

61.3500, 0.3601, 0.3177

Monochromacy



Original Color

61.5502, 0.3641, 0.3240

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

62.7694, 0.3300, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.5502, 0.3641, 0.3240 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, 189, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 194)  
}
```

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, 189, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 194) }
```

Border

The CSS property to change the border of an element to Yxy 61.5502, 0.3641, 0.3240 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, 189, 194) }
```

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

```
.border{ border-color:rgb(255, 189, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 189, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 61.5502, 0.3641, 0.3240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 194) }
```

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

```
.background{ background-color: rgb(255,  
189, 194) }
```

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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