

Converting Colors

$Y_{xy}(60.4737, 0.3622, 0.3178)$

Have a look what the booklet for
Yxy(60.4737, 0.3622, 0.3178)
contains.

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Color

Yxy(60.4090, 0.3622, 0.3177)

Conversions

Conversions Part 1

Format	Color
Hex	FFBAC5
RGB	255, 186, 197
RGB Percent	100%, 73%, 77%
CMY	0.0001, 0.2705, 0.2274
CMYK	0.00, 0.27, 0.23, 0.00
HSL	350°, 100%, 86%
HSV	350°, 27%, 100%
XYZ	68.8704, 60.4090, 60.8653
YIQ	207.8850, 37.5930, 18.0490

Conversions

Conversions Part 2

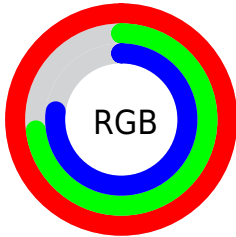
Format	Color
R _Y B	255, 186, 197
Decimal	16759493
CIE Lab	82.06, 26.42, 4.32
CIE LCh	82, 26.769, 9.278
Yxy	60.4090, 0.3622, 0.3177
Android (android.graphics.Color)	4294949573 (0xFFFFBAC5)
YUV	207.8850, -5.3663, 41.3199
Hunter-Lab	77.7232, 22.1530, 7.9760

Details

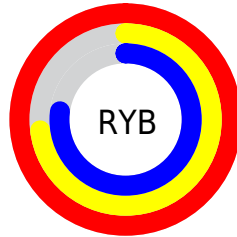
The Yxy color **60.4090, 0.3622, 0.3177** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.4719, 0.2786, 0.3408**, and the grayscale version is **63.0170, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9200, 0.3139, 0.3175**, and **30.3560, 0.3754, 0.3145** is the 20% darker color. If you saturate the color by 10%, you get **49.6954, 0.3890, 0.3134**, and if you desaturate by 10%, it is **73.1846, 0.3405, 0.3221**.

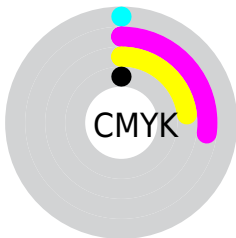
Distribution



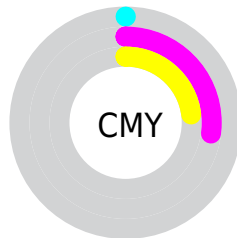
- Red (100%)
- Green (73%)
- Blue (77%)



- Red (100%)
- Yellow (73%)
- Blue (77%)



- Cyan (0%)
- Magenta (27%)
- Yellow (23%)
- Black (0%)





- Cyan (0%)
- Magenta (27%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.4090, 0.3622, 0.3177 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 60.4090, 0.3622, 0.3177 by changing the saturation by 10% instead.

 60.4090, 0.3622,
0.3177

 60.4090, 0.3622,
0.3177


426.1037, 0.3384,
0.3234

 43.7484, 0.3679,
0.3163


 105.4227, 0.3538,
0.3198

 30.4727, 0.3750,
0.3145


134.5447, 0.3505,
0.3205

 20.1977, 0.3842,
0.3121


168.5891, 0.3478,
0.3212

 12.5388, 0.3966,
0.3088

207.9406, 0.3454,
0.3218

 7.1118, 0.4141,
0.3040

252.9833, 0.3433,
0.3222

 3.5321, 0.4407,
0.2963

304.1019, 0.3415,

 1.4154, 0.4854,

0.3227

0.2823

361.6805, 0.3399,
0.3230

0.2281, 0.7908,
0.2092

0.0000, 0.0000,
0.0000

60.4090, 0.3622,
0.3177

60.4090, 0.3622,
0.3177

49.6954, 0.3890,
0.3134

73.1846, 0.3405,
0.3221

40.9275, 0.4214,
0.3094

88.1135, 0.3230,
0.3262

33.9905, 0.4595,
0.3064

99.9943, 0.3127,
0.3290

28.7541, 0.5018,
0.3052

■ 25.0706, 0.5453,
0.3064

■ 22.7669, 0.5845,
0.3107

■ 21.6234, 0.6141,
0.3175

■ 21.4123, 0.6208,
0.3194

Harmonies

Analogous

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



60.4090, 0.3311, 0.2931



60.4090, 0.3622, 0.3177



60.4090, 0.3796, 0.3460

Triad

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



60.4090, 0.3622, 0.3177



60.4090, 0.3263, 0.3882



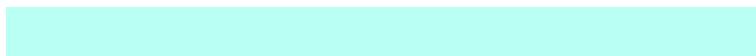
60.4090, 0.2511, 0.2828

Complementary

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



60.4090, 0.3622, 0.3177



88.4719, 0.2786, 0.3408

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.



60.4090, 0.2502, 0.3060



60.4090, 0.3622, 0.3177



60.4090, 0.2923, 0.3694

Square

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



60.4090, 0.3622, 0.3177



60.4090, 0.3578, 0.3883



60.4090, 0.2648, 0.3381



60.4090, 0.2675, 0.2730

Rectangle

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



60.4090, 0.3622, 0.3177



60.4090, 0.3806, 0.3639



60.4090, 0.2648, 0.3381



60.4090, 0.2490, 0.2892

Sweetspot

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



60.4118, 0.3622, 0.3177



86.6124, 0.3245, 0.3258



61.4832, 0.3071, 0.2596



18.0343, 0.3269, 0.3252



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.



60.4118, 0.3622, 0.3177



54.8639, 0.3748, 0.3155



70.4021, 0.3654, 0.3529



18.0343, 0.3269, 0.3252



11.2052, 0.6178, 0.3177



1.1039, 0.5902, 0.3025

Inverse Universe

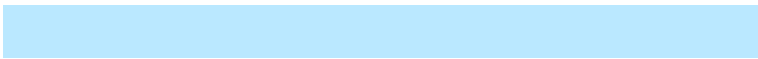
The Inverse Universe completely reimagines the original color for something new.



60.4118, 0.3622, 0.3177



54.8639, 0.3748, 0.3155



75.3648, 0.2707, 0.3038



18.0343, 0.3269, 0.3252



11.2052, 0.6178, 0.3177



1.1039, 0.5902, 0.3025

Previews

White Background



This preview shows how the Yxy color 60.4090, 0.3622, 0.3177 looks on a white background.

Color Contrast Check

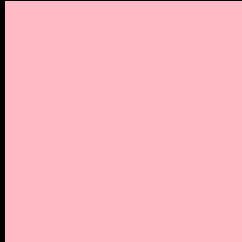
Large Text (above 18pt) WCAG AA × Fail

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 60.4090, 0.3622, 0.3177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

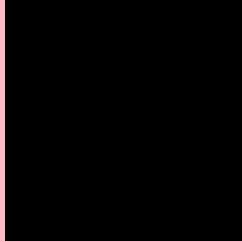
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.4090, 0.3622, 0.3177

Background



This preview shows how black text looks on a background with the Yxy color 60.4090, 0.3622, 0.3177.

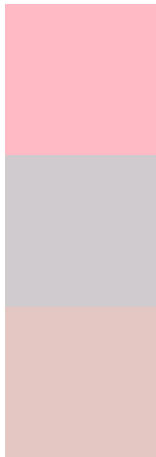


This preview shows how white text looks on a background with the Yxy color 60.4090, 0.3622, 0.3177.

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

60.4090, 0.3622, 0.3177

Protanopia

60.4823, 0.3129, 0.3244

Deuteranopia

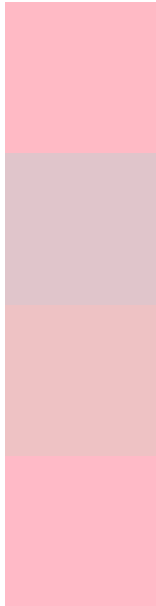
60.8223, 0.3391, 0.3324



Tritanopia

60.5479, 0.3597, 0.3146

Trichromacy



Original Color

60.4090, 0.3622, 0.3177

Protanomaly

60.0916, 0.3298, 0.3223

Deuteranomaly

60.7462, 0.3472, 0.3269

Tritanomaly

60.5013, 0.3605, 0.3156

Monochromacy



Original Color

60.4090, 0.3622, 0.3177

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

61.6757, 0.3295, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.4090, 0.3622, 0.3177 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, 186, 197)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 197)  
}
```

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, 186, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 197) }
```

Border

The CSS property to change the border of an element to Yxy 60.4090, 0.3622, 0.3177 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, 186, 197) }
```

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

```
.border{ border-color:rgb(255, 186, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 186, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 197);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4090, 0.3622, 0.3177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 186, 197) }
```

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

```
.background{ background-color: rgb(255,  
186, 197) }
```

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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