

Converting Colors

$Y_{xy}(60.3317, 0.3586, 0.3124)$

Have a look what the booklet for
Yxy(60.3317, 0.3586, 0.3124)
contains.

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Color

Yxy(60.1750, 0.3591, 0.3125)

Conversions

Conversions Part 1

Format	Color
Hex	FFB9C9
RGB	255, 185, 201
RGB Percent	100%, 73%, 79%
CMY	0.0000, 0.2746, 0.2117
CMYK	0.00, 0.27, 0.21, 0.00
HSL	346°, 100%, 86%
HSV	346°, 27%, 100%
XYZ	69.1483, 60.1750, 63.2367
YIQ	207.7540, 36.5840, 19.8160

Conversions

Conversions Part 2

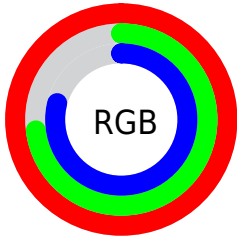
Format	Color
R _Y B	255, 185, 201
Decimal	16759241
CIE Lab	81.93, 27.57, 1.98
CIE LCh	82, 27.640, 4.118
Yxy	60.1750, 0.3591, 0.3125
Android (android.graphics.Color)	4294949321 (0xFFFFB9C9)
YUV	207.7540, -3.3297, 41.4347
Hunter-Lab	77.5725, 23.3632, 5.9679

Details

The Yxy color **60.1750, 0.3591, 0.3125** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.0616, 0.2806, 0.3463**, and the grayscale version is **62.9049, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3906, 0.3133, 0.3156**, and **30.2095, 0.3710, 0.3078** is the 20% darker color. If you saturate the color by 10%, you get **49.5721, 0.3836, 0.3062**, and if you desaturate by 10%, it is **72.7933, 0.3390, 0.3188**.

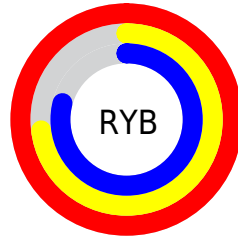
Distribution



Red (100%)

Green (73%)

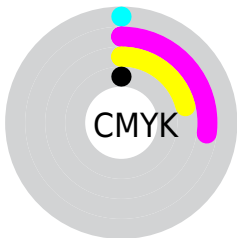
Blue (79%)



Red (100%)

Yellow (73%)

Blue (79%)

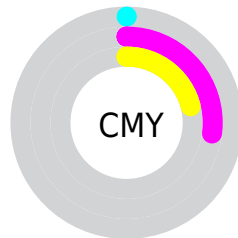


Cyan (0%)

Magenta (27%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.1750, 0.3591, 0.3125 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 60.1750, 0.3591, 0.3125 by changing the saturation by 10% instead.

 60.1750, 0.3591,
0.3125

 60.1750, 0.3591,
0.3125

425.2425, 0.3368,
0.3205

 43.5597, 0.3644,
0.3106

 105.0835, 0.3512,
0.3154

 30.3245, 0.3710,
0.3081


134.1455, 0.3482,
0.3165

 20.0850, 0.3796,
0.3049


168.1251, 0.3456,
0.3174

 12.4569, 0.3912,
0.3006

207.4069, 0.3434,
0.3182

 7.0556, 0.4075,
0.2944

252.3751, 0.3414,
0.3189

 3.4969, 0.4322,
0.2849


303.4142, 0.3397,

 1.3963, 0.4738,


0.3195


0.2685


360.9085, 0.3382,
0.3200


 0.2140, 0.7399,
0.1806


 0.0000, 0.0000,
0.0000


 60.1750, 0.3591,
0.3125


 60.1750, 0.3591,
0.3125

 49.5721, 0.3836,
0.3062

 72.7933, 0.3390,
0.3188

 40.9022, 0.4133,
0.3005

 87.5501, 0.3228,
0.3248

 34.0405, 0.4480,
0.2959

100.0000, 0.3127,
0.3290

 28.8577, 0.4869,
0.2935

■ 25.2074, 0.5275,
0.2944

■ 22.9172, 0.5657,
0.2993

■ 21.7639, 0.5970,
0.3078

■ 21.5695, 0.6037,
0.3100

Harmonies

Analogous

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



60.1750, 0.3254, 0.2884



60.1750, 0.3591, 0.3125



60.1750, 0.3802, 0.3414

Triad

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



60.1750, 0.3591, 0.3125



60.1750, 0.3328, 0.3917



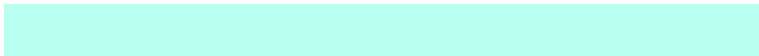
60.1750, 0.2478, 0.2845

Complementary

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



60.1750, 0.3591, 0.3125



88.0616, 0.2806, 0.3463

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.



60.1750, 0.2496, 0.3104



60.1750, 0.3591, 0.3125



60.1750, 0.2974, 0.3754

Square

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



60.1750, 0.3591, 0.3125



60.1750, 0.3639, 0.3884



60.1750, 0.2673, 0.3444



60.1750, 0.2621, 0.2719

Rectangle

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



60.1750, 0.3591, 0.3125



60.1750, 0.3835, 0.3604



60.1750, 0.2673, 0.3444



60.1750, 0.2466, 0.2918

Sweetspot

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



60.1669, 0.3590, 0.3125



86.6959, 0.3236, 0.3245



60.2011, 0.3035, 0.2577



18.0552, 0.3258, 0.3236



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.



60.1669, 0.3590, 0.3125



54.0522, 0.3721, 0.3090



67.7821, 0.3677, 0.3485



18.0552, 0.3258, 0.3236



11.2891, 0.5999, 0.3078



1.1150, 0.5690, 0.2908

Inverse Universe

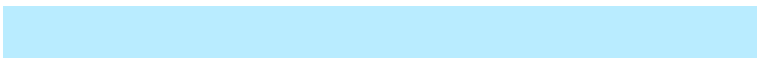
The Inverse Universe completely reimagines the original color for something new.



60.1669, 0.3590, 0.3125



54.0522, 0.3721, 0.3090



77.7115, 0.2705, 0.3085



18.0552, 0.3258, 0.3236



11.2891, 0.5999, 0.3078



1.1150, 0.5690, 0.2908

Previews

White Background



This preview shows how the Yxy color 60.1750, 0.3591, 0.3125 looks on a white background.

Color Contrast Check

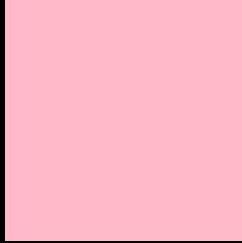
Large Text (above 18pt) WCAG AA × Fail

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 60.1750, 0.3591, 0.3125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

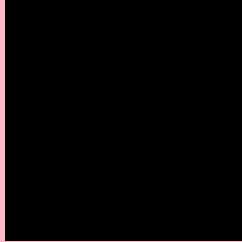
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.1750, 0.3591, 0.3125

Background



This preview shows how black text looks on a background with the Yxy color 60.1750, 0.3591, 0.3125.



This preview shows how white text looks on a background with the Yxy color 60.1750, 0.3591, 0.3125.

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

60.1750, 0.3591, 0.3125

Protanopia

60.5368, 0.3093, 0.3197

Deuteranopia

60.2248, 0.3345, 0.3268



Tritanopia

60.0814, 0.3608, 0.3146

Trichromacy



Original Color

60.1750, 0.3591, 0.3125

Protanomaly

59.8321, 0.3269, 0.3167

Deuteranomaly

60.3146, 0.3433, 0.3215

Tritanomaly

60.1281, 0.3599, 0.3136

Monochromacy



Original Color

60.1750, 0.3591, 0.3125

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

61.7239, 0.3287, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1750, 0.3591, 0.3125 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, 185, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 201)  
}
```

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, 185, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 201) }
```

Border

The CSS property to change the border of an element to Yxy 60.1750, 0.3591, 0.3125 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, 185, 201) }
```

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

```
.border{ border-color:rgb(255, 185, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 185, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1750, 0.3591, 0.3125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 185, 201) }
```

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

```
.background{ background-color: rgb(255,  
185, 201) }
```

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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