

Converting Colors

Yxy(60.3749, 0.3585, 0.3124)

Have a look what the booklet for
Yxy(60.3749, 0.3585, 0.3124)
contains.

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Color

Yxy(60.2222, 0.3582, 0.3115)

Conversions

Conversions Part 1

Format	Color
Hex	FFB9CA
RGB	255, 185, 202
RGB Percent	100%, 73%, 79%
CMY	0.0000, 0.2745, 0.2078
CMYK	0.00, 0.27, 0.21, 0.00
HSL	345°, 100%, 86%
HSV	345°, 27%, 100%
XYZ	69.2507, 60.2222, 63.8568
YIQ	207.8680, 36.2630, 20.1270

Conversions

Conversions Part 2

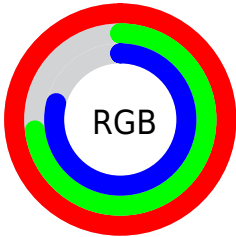
Format	Color
R _Y B	255, 185, 202
Decimal	16759242
CIE Lab	81.96, 27.68, 1.49
CIE LCh	82, 27.720, 3.072
Yxy	60.2222, 0.3582, 0.3115
Android (android.graphics.Color)	4294949322 (0xFFFFB9CA)
YUV	207.8680, -2.8929, 41.3348
Hunter-Lab	77.6030, 23.4832, 5.5344

Details

The Yxy color **60.2222, 0.3582, 0.3115** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.0076, 0.2811, 0.3474**, and the grayscale version is **62.9898, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3906, 0.3133, 0.3156**, and **30.2410, 0.3698, 0.3065** is the 20% darker color. If you saturate the color by 10%, you get **49.6369, 0.3823, 0.3049**, and if you desaturate by 10%, it is **72.8402, 0.3385, 0.3182**.

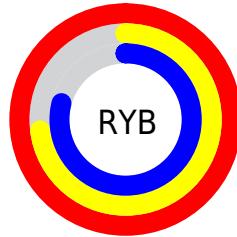
Distribution



Red (100%)

Green (73%)

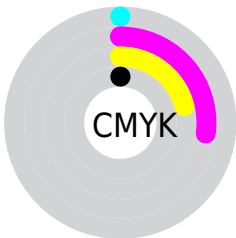
Blue (79%)



Red (100%)

Yellow (73%)

Blue (79%)

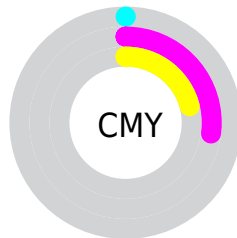


Cyan (0%)

Magenta (27%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.2222, 0.3582, 0.3115 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 60.2222, 0.3582, 0.3115 by changing the saturation by 10% instead.

 60.2222, 0.3582,
0.3115

 60.2222, 0.3582,
0.3115


425.4163, 0.3364,
0.3200

 43.5978, 0.3634,
0.3095


 105.1519, 0.3505,
0.3145

 30.3544, 0.3699,
0.3069


134.2260, 0.3475,
0.3157

 20.1077, 0.3783,
0.3036


168.2188, 0.3450,
0.3167

 12.4734, 0.3896,
0.2991

207.5146, 0.3428,
0.3175

 7.0669, 0.4055,
0.2927

252.4978, 0.3409,
0.3182

 3.5040, 0.4297,
0.2829


303.5529, 0.3392,

 1.4002, 0.4702,

0.3189

0.2661


361.0643, 0.3377,
0.3195

 0.2169, 0.7165,
0.1761


 0.0000, 0.0000,
0.0000


 60.2222, 0.3582,
0.3115


 60.2222, 0.3582,
0.3115

 49.6369, 0.3823,
0.3049


 72.8402, 0.3385,
0.3182

 40.9703, 0.4113,
0.2987

 87.5819, 0.3226,
0.3245

 34.1085, 0.4453,
0.2938

100.0000, 0.3127,
0.3290

 28.9226, 0.4835,
0.2912

■ 25.2664, 0.5234,
0.2919

■ 22.9681, 0.5613,
0.2968

■ 21.8050, 0.5928,
0.3054

■ 21.6073, 0.5997,
0.3077

Harmonies

Analogous

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



60.2222, 0.3242, 0.2876



60.2222, 0.3582, 0.3115



60.2222, 0.3799, 0.3404

Triad

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



60.2222, 0.3582, 0.3115



60.2222, 0.3340, 0.3921



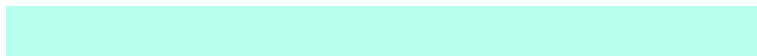
60.2222, 0.2475, 0.2850

Complementary

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



60.2222, 0.3582, 0.3115



88.0076, 0.2811, 0.3474

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.



60.2222, 0.2498, 0.3115



60.2222, 0.3582, 0.3115



60.2222, 0.2985, 0.3764

Square

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



60.2222, 0.3582, 0.3115



60.2222, 0.3650, 0.3881



60.2222, 0.2680, 0.3456



60.2222, 0.2612, 0.2719

Rectangle

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



60.2222, 0.3582, 0.3115



60.2222, 0.3838, 0.3595



60.2222, 0.2680, 0.3456



60.2222, 0.2464, 0.2925

Sweetspot

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



60.2247, 0.3582, 0.3115



86.7128, 0.3234, 0.3242



60.0109, 0.3026, 0.2576



18.0594, 0.3256, 0.3232



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.



60.2247, 0.3582, 0.3115



54.1037, 0.3710, 0.3078



67.2408, 0.3680, 0.3473



18.0594, 0.3256, 0.3232



11.3097, 0.5957, 0.3055



1.1175, 0.5644, 0.2883

Inverse Universe

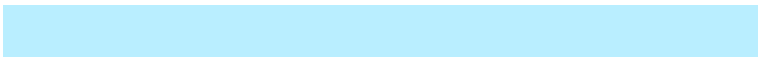
The Inverse Universe completely reimagines the original color for something new.



60.2247, 0.3582, 0.3115



54.1037, 0.3710, 0.3078



78.3939, 0.2707, 0.3098



18.0594, 0.3256, 0.3232



11.3097, 0.5957, 0.3055



1.1175, 0.5644, 0.2883

Previews

White Background



This preview shows how the Yxy color 60.2222, 0.3582, 0.3115 looks on a white background.

Color Contrast Check

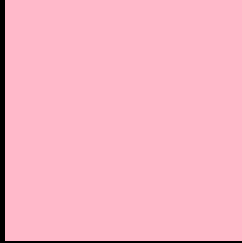
Large Text (above 18pt) WCAG AA × Fail

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 60.2222, 0.3582, 0.3115 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 60.2222, 0.3582, 0.3115

Background



This preview shows how black text looks on a background with the Yxy color 60.2222, 0.3582, 0.3115.



This preview shows how white text looks on a background with the Yxy color 60.2222, 0.3582, 0.3115.

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

60.2222, 0.3582, 0.3115

Protanopia

60.4445, 0.3079, 0.3186

Deuteranopia

60.1102, 0.3329, 0.3257



Tritanopia

60.1281, 0.3599, 0.3136

Trichromacy



Original Color

60.2222, 0.3582, 0.3115

Protanomaly

59.7219, 0.3253, 0.3156

Deuteranomaly

60.1898, 0.3417, 0.3204

Tritanomaly

60.1750, 0.3591, 0.3125

Monochromacy



Original Color

60.2222, 0.3582, 0.3115

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

61.7723, 0.3280, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.2222, 0.3582, 0.3115 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, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 202)  
}
```

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, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 202) }
```

Border

The CSS property to change the border of an element to Yxy 60.2222, 0.3582, 0.3115 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, 202) }
```

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

```
.border{ border-color:rgb(255, 185, 202) }
```

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, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 60.2222, 0.3582, 0.3115 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, 202) }
```

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

```
.background{ background-color: rgb(255,  
185, 202) }
```

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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