

Converting Colors

$Yxy(60.1478, 0.3732, 0.3321)$

Have a look what the booklet for
Yxy(60.1478, 0.3732, 0.3321)
contains.

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Color

Yxy(60.2613, 0.3731, 0.3323)

Conversions

Conversions Part 1

Format	Color
Hex	FFBBB8
RGB	255, 187, 184
RGB Percent	100%, 73%, 72%
CMY	0.0001, 0.2666, 0.2783
CMYK	0.00, 0.27, 0.28, 0.00
HSL	3°, 100%, 86%
HSV	3°, 28%, 100%
XYZ	67.6602, 60.2613, 53.4246
YIQ	206.9900, 41.4910, 13.4830

Conversions

Conversions Part 2

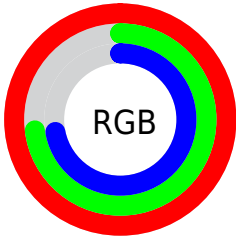
Format	Color
R _Y B	255, 187, 184
Decimal	16759736
CIE Lab	81.98, 24.12, 11.19
CIE LCh	82, 26.585, 24.881
Yxy	60.2613, 0.3731, 0.3323
Android (android.graphics.Color)	4294949816 (0xFFFFBBB8)
YUV	206.9900, -11.3341, 42.1048
Hunter-Lab	77.6282, 19.7302, 13.5357

Details

The Yxy color **60.2613, 0.3731, 0.3323** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.0329, 0.2718, 0.3257**, and the grayscale version is **62.4466, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.6525, 0.3224, 0.3319**, and **30.2841, 0.3892, 0.3319** is the 20% darker color. If you saturate the color by 10%, you get **49.7915, 0.4051, 0.3336**, and if you desaturate by 10%, it is **72.6920, 0.3471, 0.3311**.

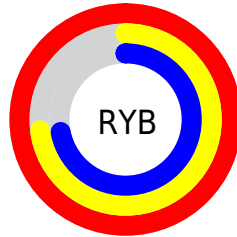
Distribution



Red (100%)

Green (73%)

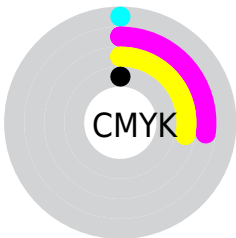
Blue (72%)



Red (100%)

Yellow (73%)

Blue (72%)

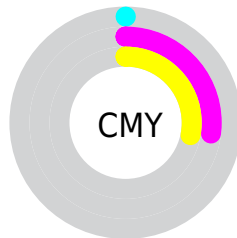


Cyan (0%)

Magenta (27%)

Yellow (28%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.2613, 0.3731, 0.3323 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 60.2613, 0.3731, 0.3323 by changing the saturation by 10% instead.


 60.2613, 0.3731,
0.3323

 60.2613, 0.3731,
0.3323

425.5602, 0.3439,
0.3314

 43.6293, 0.3801,
0.3324

 105.2086, 0.3627,
0.3321

 30.3792, 0.3888,
0.3323


134.2927, 0.3588,
0.3320

 20.1266, 0.4002,
0.3321


168.2963, 0.3554,
0.3319

 12.4871, 0.4155,
0.3316

207.6038, 0.3525,
0.3318

 7.0763, 0.4371,
0.3303

252.5995, 0.3499,
0.3317

 3.5099, 0.4697,
0.3272

303.6679, 0.3477,

 1.4034, 0.5274,

0.3316

0.3211

361.1933, 0.3457,
0.3315

0.2192, 0.7843,
0.2157

0.0000, 0.0000,
0.0000

60.2613, 0.3731,
0.3323

60.2613, 0.3731,
0.3323

49.7915, 0.4051,
0.3336

72.6920, 0.3471,
0.3311

41.1745, 0.4437,
0.3347

87.1675, 0.3262,
0.3299

34.3050, 0.4880,
0.3355

99.9976, 0.3127,
0.3290

29.0635, 0.5355,
0.3357

■ 25.3156, 0.5804,
0.3351

■ 22.9053, 0.6155,
0.3336

■ 21.6413, 0.6353,
0.3317

■ 21.4909, 0.6380,
0.3316

Harmonies

Analogous

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



60.2613, 0.3482, 0.3052



60.2613, 0.3731, 0.3323



60.2613, 0.3807, 0.3600

Triad

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



60.2613, 0.3731, 0.3323



60.2613, 0.3084, 0.3802



60.2613, 0.2582, 0.2763

Complementary

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



60.2613, 0.3731, 0.3323



87.0329, 0.2718, 0.3257

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.



60.2613, 0.2490, 0.2927



60.2613, 0.3731, 0.3323



60.2613, 0.2769, 0.3538

Square

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



60.2613, 0.3731, 0.3323



60.2613, 0.3422, 0.3902



60.2613, 0.2557, 0.3209



60.2613, 0.2814, 0.2738

Rectangle

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



60.2613, 0.3731, 0.3323



60.2613, 0.3749, 0.3756



60.2613, 0.2557, 0.3209



60.2613, 0.2534, 0.2802

Sweetspot

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



60.2641, 0.3731, 0.3323



86.9148, 0.3265, 0.3299



62.6157, 0.3177, 0.2616



18.1095, 0.3294, 0.3301



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.



60.2641, 0.3731, 0.3323



54.6186, 0.3889, 0.3330



76.8929, 0.3634, 0.3678



18.1095, 0.3294, 0.3301



11.2836, 0.6372, 0.3323



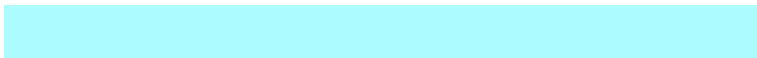
1.1399, 0.6303, 0.3377

Inverse Universe

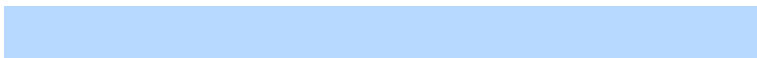
The Inverse Universe completely reimagines the original color for something new.



87.0329, 0.2718, 0.3257



85.1416, 0.2651, 0.3250



67.1099, 0.2678, 0.2868



20.3425, 0.2980, 0.3279



37.7216, 0.2211, 0.3158



3.7119, 0.2215, 0.3174

Previews

White Background



This preview shows how the Yxy color 60.2613, 0.3731, 0.3323 looks on a white background.

Color Contrast Check

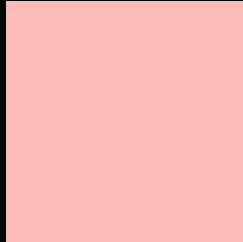
Large Text (above 18pt) WCAG AA × Fail

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 60.2613, 0.3731, 0.3323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

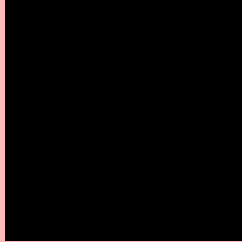
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.2613, 0.3731, 0.3323

Background



This preview shows how black text looks on a background with the Yxy color 60.2613, 0.3731, 0.3323.



This preview shows how white text looks on a background with the Yxy color 60.2613, 0.3731, 0.3323.

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

60.2613, 0.3731, 0.3323

Protanopia

60.4110, 0.3262, 0.3407

Deuteranopia

60.4657, 0.3528, 0.3459



Tritanopia

60.0814, 0.3608, 0.3146

Trichromacy



Original Color

60.2613, 0.3731, 0.3323

Protanomaly

59.9811, 0.3424, 0.3370

Deuteranomaly

60.0841, 0.3597, 0.3401

Tritanomaly

60.2729, 0.3648, 0.3208

Monochromacy



Original Color

60.2613, 0.3731, 0.3323

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.2794, 0.3325, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.2613, 0.3731, 0.3323 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, 187, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 184)  
}
```

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, 187, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 184) }
```

Border

The CSS property to change the border of an element to Yxy 60.2613, 0.3731, 0.3323 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, 187, 184) }
```

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

```
.border{ border-color:rgb(255, 187, 184) }
```

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

Here you see how a box with a 4 pixel rgb(255, 187, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 187, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 187, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 187,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 60.2613, 0.3731, 0.3323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 187, 184) }
```

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

```
.background{ background-color: rgb(255,  
187, 184) }
```

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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