

Converting Colors

$Yxy(77.3108, 0.4317, 0.3327)$

Have a look what the booklet for
Yxy(77.3108, 0.4317, 0.3327)
contains.

Yxy(60.6871, 0.3728, 0.3334)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.6871, 0.3728, 0.3334)

Conversions

Conversions Part 1

Format	Color
Hex	FFBCB8
RGB	255, 188, 184
RGB Percent	100%, 74%, 72%
CMY	0.0002, 0.2626, 0.2785
CMYK	0.00, 0.26, 0.28, 0.00
HSL	3°, 100%, 86%
HSV	3°, 28%, 100%
XYZ	67.8589, 60.6871, 53.4789
YIQ	207.5770, 41.2160, 12.9600

Conversions

Conversions Part 2

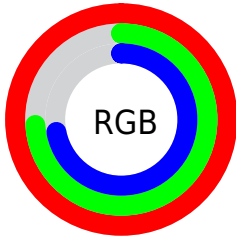
Format	Color
R _Y B	255, 188, 184
Decimal	16759992
CIE Lab	82.21, 23.56, 11.53
CIE LCh	82, 26.231, 26.073
Yxy	60.6871, 0.3728, 0.3334
Android (android.graphics.Color)	4294950072 (0xFFFFBCB8)
YUV	207.5770, -11.6235, 41.5900
Hunter-Lab	77.9019, 19.1596, 13.8293

Details

The Yxy color **60.6871, 0.3728, 0.3334** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.3399, 0.2717, 0.3245**, and the grayscale version is **62.8450, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.8561, 0.3222, 0.3339**, and **30.5592, 0.3887, 0.3333** is the 20% darker color. If you saturate the color by 10%, you get **50.2824, 0.4045, 0.3351**, and if you desaturate by 10%, it is **73.0013, 0.3470, 0.3317**.

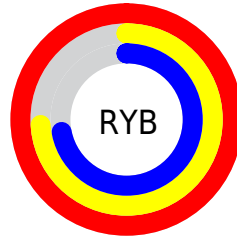
Distribution



Red (100%)

Green (74%)

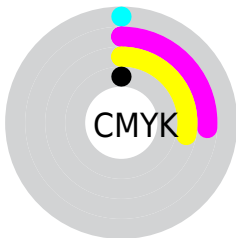
Blue (72%)



Red (100%)

Yellow (74%)

Blue (72%)

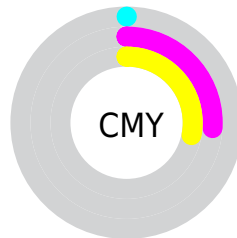


Cyan (0%)

Magenta (26%)

Yellow (28%)

Black (0%)



Cyan (0%)


Magenta (26%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.6871, 0.3728, 0.3334 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 60.6871, 0.3728, 0.3334 by changing the saturation by 10% instead.


 60.6871, 0.3728,
0.3334

 60.6871, 0.3728,
0.3334


427.1258, 0.3438,
0.3319

 43.9727, 0.3797,
0.3336

 105.8258, 0.3625,
0.3330

 30.6490, 0.3884,
0.3337

135.0188, 0.3586,
0.3328

 20.3318, 0.3997,
0.3337


169.1402, 0.3552,
0.3327

 12.6364, 0.4148,
0.3334

208.5742, 0.3523,
0.3325

 7.1787, 0.4362,
0.3325

253.7055, 0.3498,
0.3323

 3.5741, 0.4683,
0.3299

304.9182, 0.3475,

 1.4383, 0.5250,

0.3322

0.3247


362.5968, 0.3456,
0.3321

 0.2447, 0.7675,
0.2325

 0.0000, 0.0000,
0.0000


 60.6871, 0.3728,
0.3334


 60.6871, 0.3728,
0.3334

 50.2824, 0.4045,
0.3351


 73.0013, 0.3470,
0.3317

 41.6837, 0.4426,
0.3366

 87.3048, 0.3261,
0.3302

 34.7906, 0.4865,
0.3376

99.9895, 0.3127,
0.3290

 29.4893, 0.5335,
0.3379

■ 25.6526, 0.5783,
0.3371

■ 23.1334, 0.6137,
0.3352

■ 21.7526, 0.6343,
0.3325

■ 21.5778, 0.6372,
0.3322

Harmonies

Analogous

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



60.6871, 0.3489, 0.3066



60.6871, 0.3728, 0.3334



60.6871, 0.3795, 0.3606

Triad

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



60.6871, 0.3728, 0.3334



60.6871, 0.3071, 0.3786



60.6871, 0.2597, 0.2767

Complementary

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



60.6871, 0.3728, 0.3334



86.3399, 0.2717, 0.3245

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.



60.6871, 0.2501, 0.2924



60.6871, 0.3728, 0.3334



60.6871, 0.2764, 0.3522

Square

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



60.6871, 0.3728, 0.3334



60.6871, 0.3405, 0.3892



60.6871, 0.2560, 0.3198



60.6871, 0.2831, 0.2747

Rectangle

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



60.6871, 0.3728, 0.3334



60.6871, 0.3733, 0.3757



60.6871, 0.2560, 0.3198



60.6871, 0.2548, 0.2804

Sweetspot

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



60.6899, 0.3728, 0.3334



87.0889, 0.3265, 0.3302



62.5169, 0.3186, 0.2627



18.1529, 0.3293, 0.3304



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.



60.6899, 0.3728, 0.3334



55.1052, 0.3884, 0.3343



77.4935, 0.3631, 0.3690



18.1529, 0.3293, 0.3304



11.3457, 0.6361, 0.3331



1.1604, 0.6270, 0.3404

Inverse Universe

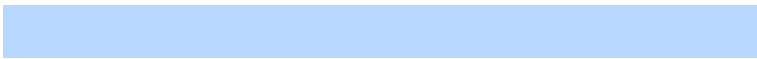
The Inverse Universe completely reimagines the original color for something new.



86.3399, 0.2717, 0.3245



84.3613, 0.2649, 0.3236



66.4765, 0.2676, 0.2854



20.2937, 0.2980, 0.3276



36.5598, 0.2198, 0.3111



3.6116, 0.2204, 0.3133

Previews

White Background



This preview shows how the Yxy color 60.6871, 0.3728, 0.3334 looks on a white background.

Color Contrast Check

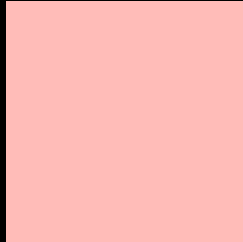
Large Text (above 18pt) WCAG AA × Fail

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 60.6871, 0.3728, 0.3334 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 60.6871, 0.3728, 0.3334

Background



This preview shows how black text looks on a background with the Yxy color 60.6871, 0.3728, 0.3334.



This preview shows how white text looks on a background with the Yxy color 60.6871, 0.3728, 0.3334.

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

60.6871, 0.3728, 0.3334

Protanopia

60.8849, 0.3261, 0.3418

Deuteranopia

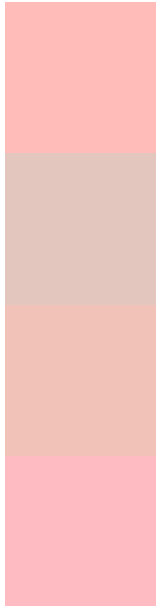
60.6335, 0.3537, 0.3458



Tritanopia

60.5479, 0.3597, 0.3146

Trichromacy



Original Color

60.6871, 0.3728, 0.3334

Protanomaly

60.4368, 0.3422, 0.3381

Deuteranomaly

60.7032, 0.3603, 0.3411

Tritanomaly

60.6957, 0.3646, 0.3219

Monochromacy



Original Color

60.6871, 0.3728, 0.3334

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

61.9044, 0.3331, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6871, 0.3728, 0.3334 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, 188, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 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, 188, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 184) }
```

Border

The CSS property to change the border of an element to Yxy 60.6871, 0.3728, 0.3334 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, 188, 184) }
```

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

```
.border{ border-color:rgb(255, 188, 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, 188, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6871, 0.3728, 0.3334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 184) }
```

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

```
.background{ background-color: rgb(255,  
188, 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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