

Converting Colors

$Yxy(61.3627, 0.3706, 0.3325)$

Have a look what the booklet for
Yxy(61.3627, 0.3706, 0.3325)
contains.

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Color

Yxy(61.2004, 0.3709, 0.3323)

Conversions

Conversions Part 1

Format	Color
Hex	FFBDBA
RGB	255, 189, 186
RGB Percent	100%, 74%, 73%
CMY	0.0000, 0.2589, 0.2706
CMYK	0.00, 0.26, 0.27, 0.00
HSL	3°, 100%, 86%
HSV	3°, 27%, 100%
XYZ	68.3094, 61.2004, 54.6623
YIQ	208.3920, 40.2990, 13.0590

Conversions

Conversions Part 2

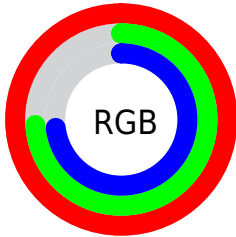
Format	Color
R _Y B	255, 189, 186
Decimal	16760250
CIE Lab	82.49, 23.36, 10.85
CIE LCh	82, 25.755, 24.914
Yxy	61.2004, 0.3709, 0.3323
Android (android.graphics.Color)	4294950330 (0xFFFFBDBA)
YUV	208.3920, -11.0393, 40.8752
Hunter-Lab	78.2307, 18.9589, 13.3337

Details

The Yxy color **61.2004, 0.3709, 0.3323** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.2799, 0.2728, 0.3257**, and the grayscale version is **63.3928, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.5823, 0.3209, 0.3329**, and **30.8917, 0.3860, 0.3319** is the 20% darker color. If you saturate the color by 10%, you get **50.5815, 0.4024, 0.3336**, and if you desaturate by 10%, it is **73.7697, 0.3453, 0.3310**.

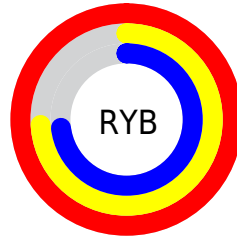
Distribution



Red (100%)

Green (74%)

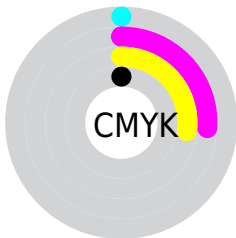
Blue (73%)



Red (100%)

Yellow (74%)

Blue (73%)

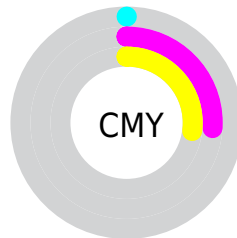


Cyan (0%)

Magenta (26%)

Yellow (27%)

Black (0%)



Cyan (0%)

Magenta (26%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.2004, 0.3709, 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 61.2004, 0.3709, 0.3323 by changing the saturation by 10% instead.


 61.2004, 0.3709,
0.3323

 61.2004, 0.3709,
0.3323


429.0084, 0.3429,
0.3313

 44.3869, 0.3776,
0.3324


 106.5690, 0.3609,
0.3321

 30.9748, 0.3860,
0.3324


135.8930, 0.3571,
0.3320

 20.5797, 0.3968,
0.3322


170.1559, 0.3539,
0.3318

 12.8171, 0.4114,
0.3318

209.7421, 0.3511,
0.3317

 7.3027, 0.4320,
0.3307

255.0361, 0.3486,
0.3316

 3.6521, 0.4629,
0.3280


306.4222, 0.3465,

 1.4809, 0.5159,

0.3315


0.3219


364.2849, 0.3446,
0.3314

 0.2753, 0.7514,
0.2486


 0.0000, 0.0000,
0.0000


 61.2004, 0.3709,
0.3323


 61.2004, 0.3709,
0.3323

 50.5815, 0.4024,
0.3336

 73.7697, 0.3453,
0.3310

 41.8261, 0.4404,
0.3348

 88.3925, 0.3247,
0.3298

 34.8232, 0.4843,
0.3356

100.0000, 0.3127,
0.3290

 29.4549, 0.5316,
0.3359

■ 25.5887, 0.5770,
0.3354

■ 23.0715, 0.6131,
0.3339

■ 21.7171, 0.6342,
0.3319

■ 21.5012, 0.6380,
0.3316

Harmonies

Analogous

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



61.2004, 0.3470, 0.3061



61.2004, 0.3709, 0.3323



61.2004, 0.3782, 0.3591

Triad

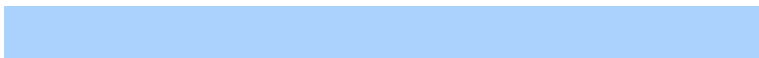
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61.2004, 0.3709, 0.3323



61.2004, 0.3086, 0.3782



61.2004, 0.2601, 0.2781

Complementary

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



61.2004, 0.3709, 0.3323



87.2799, 0.2728, 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.



61.2004, 0.2512, 0.2940



61.2004, 0.3709, 0.3323



61.2004, 0.2782, 0.3529

Square

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



61.2004, 0.3709, 0.3323



61.2004, 0.3411, 0.3879



61.2004, 0.2576, 0.3212



61.2004, 0.2826, 0.2756

Rectangle

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



61.2004, 0.3709, 0.3323



61.2004, 0.3727, 0.3741



61.2004, 0.2576, 0.3212



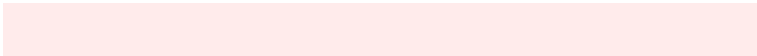
61.2004, 0.2555, 0.2819

Sweetspot

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



61.1965, 0.3709, 0.3323



86.9307, 0.3265, 0.3299



63.4476, 0.3176, 0.2635



18.1135, 0.3293, 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.



61.1965, 0.3709, 0.3323



55.7156, 0.3856, 0.3329



77.4717, 0.3618, 0.3667



18.1135, 0.3293, 0.3301



11.2892, 0.6371, 0.3324



1.1418, 0.6300, 0.3380

Inverse Universe

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



87.2799, 0.2728, 0.3257



85.4283, 0.2664, 0.3250



67.9029, 0.2691, 0.2881



20.3381, 0.2980, 0.3279



37.6145, 0.2209, 0.3154



3.7026, 0.2214, 0.3170

Previews

White Background



This preview shows how the Yxy color 61.2004, 0.3709, 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 61.2004, 0.3709, 0.3323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

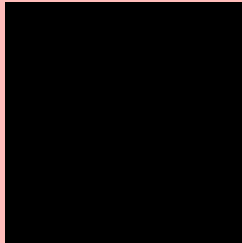
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.2004, 0.3709, 0.3323

Background



This preview shows how black text looks on a background with the Yxy color 61.2004, 0.3709, 0.3323.



This preview shows how white text looks on a background with the Yxy color 61.2004, 0.3709, 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

61.2004, 0.3709, 0.3323

Protanopia

61.5547, 0.3260, 0.3418

Deuteranopia

61.1725, 0.3519, 0.3447



Tritanopia

61.0177, 0.3586, 0.3146

Trichromacy



Original Color

61.2004, 0.3709, 0.3323

Protanomaly

61.1024, 0.3420, 0.3380

Deuteranomaly

61.2338, 0.3584, 0.3400

Tritanomaly

61.2120, 0.3626, 0.3208

Monochromacy



Original Color

61.2004, 0.3709, 0.3323

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

61.9510, 0.3324, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2004, 0.3709, 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, 189, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 186)  
}
```

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, 189, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 186) }
```

Border

The CSS property to change the border of an element to Yxy 61.2004, 0.3709, 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, 189, 186) }
```

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

```
.border{ border-color:rgb(255, 189, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 189, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2004, 0.3709, 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, 189, 186) }
```

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

```
.background{ background-color: rgb(255,  
189, 186) }
```

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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