

Converting Colors

$Yxy(64.2961, 0.3809, 0.3356)$

Have a look what the booklet for
Yxy(64.2961, 0.3809, 0.3356)
contains.

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Color

Yxy(62.0244, 0.3711, 0.3354)

Conversions

Conversions Part 1

Format	Color
Hex	FFBFB9
RGB	255, 191, 185
RGB Percent	100%, 75%, 73%
CMY	0.0001, 0.2509, 0.2743
CMYK	0.00, 0.25, 0.27, 0.00
HSL	5°, 100%, 86%
HSV	5°, 27%, 100%
XYZ	68.6263, 62.0244, 54.2760
YIQ	209.4520, 40.0700, 11.7020

Conversions

Conversions Part 2

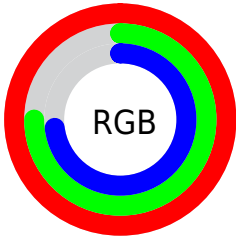
Format	Color
R _Y B	255, 192, 185
Decimal	16760761
CIE Lab	82.93, 22.15, 11.98
CIE LCh	83, 25.187, 28.411
Yxy	62.0244, 0.3711, 0.3354
Android (android.graphics.Color)	4294950841 (0xFFFFBFB9)
YUV	209.4520, -12.0548, 39.9456
Hunter-Lab	78.7556, 17.7197, 14.2680

Details

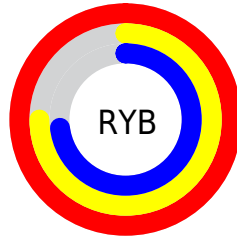
The Yxy color **62.0244, 0.3711, 0.3354** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.2981, 0.2720, 0.3225**, and the grayscale version is **64.1345, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7457, 0.3214, 0.3358**, and **31.4276, 0.3863, 0.3359** is the 20% darker color. If you saturate the color by 10%, you get **51.6690, 0.4020, 0.3379**, and if you desaturate by 10%, it is **74.1984, 0.3458, 0.3330**.

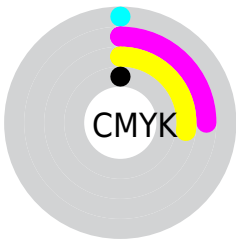
Distribution



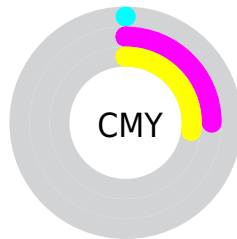
- Red (100%)
- Green (75%)
- Blue (73%)



- Red (100%)
- Yellow (75%)
- Blue (73%)



- Cyan (0%)
- Magenta (25%)
- Yellow (27%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.0244, 0.3711, 0.3354 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 62.0244, 0.3711, 0.3354 by changing the saturation by 10% instead.


 62.0244, 0.3711,
0.3354

 62.0244, 0.3711,
0.3354


432.0201, 0.3430,
0.3330

 45.0524, 0.3778,
0.3358


 107.7608, 0.3611,
0.3347

 31.4987, 0.3861,
0.3362


137.2940, 0.3573,
0.3344

 20.9789, 0.3970,
0.3366


171.7831, 0.3541,
0.3341

 13.1086, 0.4115,
0.3368

211.6124, 0.3513,
0.3338

 7.5034, 0.4318,
0.3367

257.1663, 0.3488,
0.3336

 3.7788, 0.4623,
0.3353


308.8294, 0.3467,

 1.5506, 0.5146,


0.3334


0.3315


366.9858, 0.3447,
0.3332


 0.3240, 0.7237,
0.2763


 0.0000, 0.0000,
0.0000


 62.0244, 0.3711,
0.3354


 62.0244, 0.3711,
0.3354

 51.6690, 0.4020,
0.3379


 74.1984, 0.3458,
0.3330

 43.0367, 0.4391,
0.3401

 88.2632, 0.3253,
0.3306

 36.0364, 0.4818,
0.3417

99.9967, 0.3127,
0.3290

 30.5653, 0.5278,
0.3422

■ 26.5087, 0.5723,
0.3412

■ 23.7356, 0.6087,
0.3385

■ 22.0900, 0.6313,
0.3346

■ 21.8214, 0.6352,
0.3339

Harmonies

Analogous

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



62.0244, 0.3494, 0.3095



62.0244, 0.3711, 0.3354



62.0244, 0.3761, 0.3612

Triad

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



62.0244, 0.3711, 0.3354



62.0244, 0.3050, 0.3746



62.0244, 0.2633, 0.2784

Complementary

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



62.0244, 0.3711, 0.3354



85.2981, 0.2720, 0.3225

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.



62.0244, 0.2530, 0.2925



62.0244, 0.3711, 0.3354



62.0244, 0.2762, 0.3488

Square

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



62.0244, 0.3711, 0.3354



62.0244, 0.3369, 0.3861



62.0244, 0.2575, 0.3180



62.0244, 0.2866, 0.2775

Rectangle

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



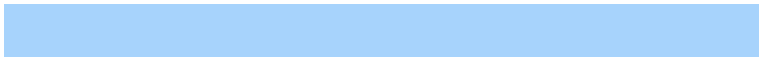
62.0244, 0.3711, 0.3354



62.0244, 0.3693, 0.3751



62.0244, 0.2575, 0.3180



62.0244, 0.2583, 0.2817

Sweetspot

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



62.0273, 0.3711, 0.3354



87.4225, 0.3264, 0.3308



62.8211, 0.3203, 0.2657



18.2361, 0.3292, 0.3311



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.



62.0273, 0.3711, 0.3354



56.0479, 0.3876, 0.3368



79.0672, 0.3616, 0.3706



18.2361, 0.3292, 0.3311



11.4890, 0.6338, 0.3350



1.1997, 0.6208, 0.3453

Inverse Universe

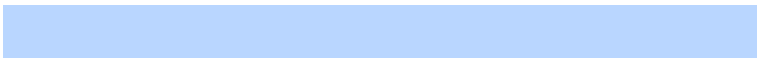
The Inverse Universe completely reimagines the original color for something new.



85.2981, 0.2720, 0.3225



82.8844, 0.2646, 0.3210



65.7244, 0.2681, 0.2834



20.2006, 0.2980, 0.3269



34.4047, 0.2172, 0.3020



3.4247, 0.2182, 0.3053

Previews

White Background



This preview shows how the Yxy color 62.0244, 0.3711, 0.3354 looks on a white background.

Color Contrast Check

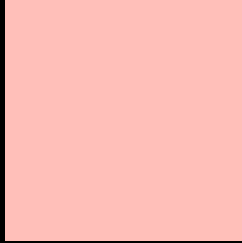
Large Text (above 18pt) WCAG AA × Fail

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 62.0244, 0.3711, 0.3354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

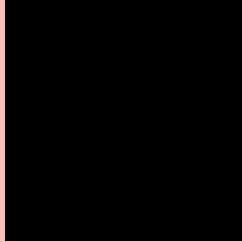
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.0244, 0.3711, 0.3354

Background



This preview shows how black text looks on a background with the Yxy color 62.0244, 0.3711, 0.3354.



This preview shows how white text looks on a background with the Yxy color 62.0244, 0.3711, 0.3354.

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

62.0244, 0.3711, 0.3354

Protanopia

62.2890, 0.3282, 0.3440

Deuteranopia

61.9279, 0.3541, 0.3468



Tritanopia

61.9670, 0.3565, 0.3146

Trichromacy



Original Color

62.0244, 0.3711, 0.3354

Protanomaly

62.1490, 0.3433, 0.3414

Deuteranomaly

61.8178, 0.3598, 0.3421

Tritanomaly

62.0724, 0.3622, 0.3229

Monochromacy



Original Color

62.0244, 0.3711, 0.3354

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

62.5799, 0.3330, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.0244, 0.3711, 0.3354 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, 191, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 185)  
}
```

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, 191, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 185) }
```

Border

The CSS property to change the border of an element to Yxy 62.0244, 0.3711, 0.3354 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, 191, 185) }
```

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

```
.border{ border-color:rgb(255, 191, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 191, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 191, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 191, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 191,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 62.0244, 0.3711, 0.3354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 191, 185) }
```

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

```
.background{ background-color: rgb(255,  
191, 185) }
```

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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