

Converting Colors

$Yxy(62.3987, 0.3563, 0.3157)$

Have a look what the booklet for
Yxy(62.3987, 0.3563, 0.3157)
contains.

Yxy(62.3987, 0.3563, 0.3157)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(62.3987, 0.3563, 0.3157)

Conversions

Conversions Part 1

Format	Color
Hex	FFBECB
RGB	255, 190, 203
RGB Percent	100%, 75%, 80%
CMY	0.0001, 0.2548, 0.2039
CMYK	0.00, 0.25, 0.20, 0.00
HSL	348°, 100%, 87%
HSV	348°, 25%, 100%
XYZ	70.4234, 62.3987, 64.8298
YIQ	210.9170, 34.5670, 17.8230

Conversions

Conversions Part 2

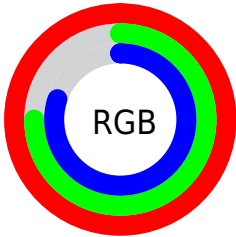
Format	Color
R_{YB}	255, 190, 203
Decimal	16760523
CIE _{Lab}	83.12, 25.18, 2.65
CIE _{LCh}	83, 25.318, 6.008
Yxy	62.3987, 0.3563, 0.3157
Android (android.graphics.Color)	4294950603 (0xFFFFBECB)
YUV	210.9170, -3.9031, 38.6608
Hunter-Lab	78.9928, 20.8981, 6.6354

Details

The Yxy color $62.3987, 0.3563, 0.3157$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $88.8591, 0.2817, 0.3429$, and the grayscale version is $65.0936, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.0015, 0.3131, 0.3214$, and $31.6486, 0.3671, 0.3119$ is the 20% darker color. If you saturate the color by 10%, you get $51.3949, 0.3809, 0.3102$, and if you desaturate by 10%, it is $75.4682, 0.3363, 0.3211$.

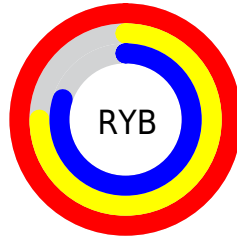
Distribution



Red (100%)

Green (75%)

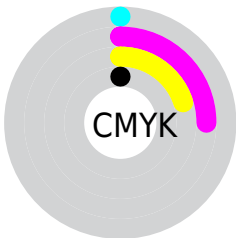
Blue (80%)



Red (100%)

Yellow (75%)

Blue (80%)

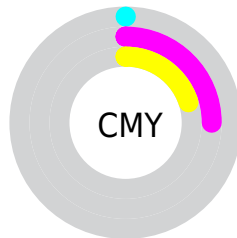


Cyan (0%)

Magenta (25%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (25%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.3987, 0.3563, 0.3157 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 62.3987, 0.3563, 0.3157 by changing the saturation by 10% instead.


 62.3987, 0.3563,
0.3157

 62.3987, 0.3563,
0.3157


433.3839, 0.3355,
0.3222

 45.3549, 0.3612,
0.3141


 108.3016, 0.3489,
0.3180

 31.7371, 0.3674,
0.3122


137.9294, 0.3461,
0.3189

 21.1608, 0.3753,
0.3096


172.5208, 0.3437,
0.3196

 13.2416, 0.3860,
0.3061

212.4601, 0.3416,
0.3203

 7.5951, 0.4009,
0.3011

258.1316, 0.3398,
0.3209

 3.8370, 0.4233,
0.2934

309.9199, 0.3382,

 1.5828, 0.4607,

0.3214

0.2801

368.2092, 0.3368,
0.3218

0.3460, 0.6381,
0.2330

0.0000, 0.0000,
0.0000

62.3987, 0.3563,
0.3157

62.3987, 0.3563,
0.3157

51.3949, 0.3809,
0.3102

75.4682, 0.3363,
0.3211

42.3426, 0.4107,
0.3051

90.6927, 0.3202,
0.3263

35.1296, 0.4460,
0.3009

99.9937, 0.3127,
0.3290

29.6289, 0.4858,
0.2986

■ 25.6971, 0.5277,
0.2991

■ 23.1673, 0.5674,
0.3032

■ 21.8339, 0.5999,
0.3106

■ 21.4922, 0.6116,
0.3143

Harmonies

Analogous

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



62.3987, 0.3264, 0.2932



62.3987, 0.3563, 0.3157



62.3987, 0.3743, 0.3422

Triad

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



62.3987, 0.3563, 0.3157



62.3987, 0.3291, 0.3851



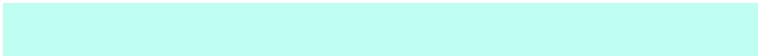
62.3987, 0.2541, 0.2876

Complementary

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



62.3987, 0.3563, 0.3157



88.8591, 0.2817, 0.3429

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.



62.3987, 0.2548, 0.3107



62.3987, 0.3563, 0.3157



62.3987, 0.2970, 0.3693

Square

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



62.3987, 0.3563, 0.3157



62.3987, 0.3577, 0.3835



62.3987, 0.2701, 0.3410



62.3987, 0.2680, 0.2768

Rectangle

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



62.3987, 0.3563, 0.3157



62.3987, 0.3766, 0.3593



62.3987, 0.2701, 0.3410



62.3987, 0.2526, 0.2941

Sweetspot

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



62.4016, 0.3563, 0.3157



86.6607, 0.3239, 0.3250



62.9274, 0.3059, 0.2634



18.0464, 0.3263, 0.3243



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.



62.4016, 0.3563, 0.3157



56.0855, 0.3693, 0.3127



70.8215, 0.3622, 0.3492



18.0464, 0.3263, 0.3243



11.2501, 0.6080, 0.3123



1.1100, 0.5783, 0.2959

Inverse Universe

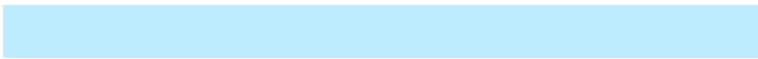
The Inverse Universe completely reimagines the original color for something new.



62.4016, 0.3563, 0.3157



56.0855, 0.3693, 0.3127



77.8616, 0.2733, 0.3078



18.0464, 0.3263, 0.3243



11.2501, 0.6080, 0.3123



1.1100, 0.5783, 0.2959

Previews

White Background



This preview shows how the Yxy color 62.3987, 0.3563, 0.3157 looks on a white background.

Color Contrast Check

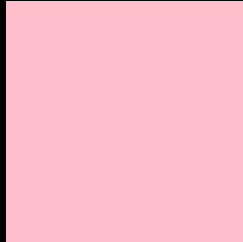
Large Text (above 18pt) WCAG AA × Fail

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 62.3987, 0.3563, 0.3157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

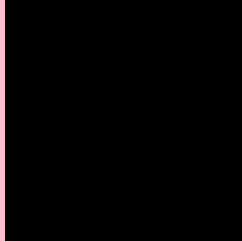
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.3987, 0.3563, 0.3157

Background



This preview shows how black text looks on a background with the Yxy color 62.3987, 0.3563, 0.3157.

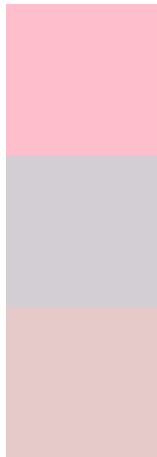


This preview shows how white text looks on a background with the Yxy color 62.3987, 0.3563, 0.3157.

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

62.3987, 0.3563, 0.3157

Protanopia

62.5977, 0.3115, 0.3222

Deuteranopia

62.8133, 0.3356, 0.3291



Tritanopia

62.4465, 0.3555, 0.3147

Trichromacy



Original Color

62.3987, 0.3563, 0.3157

Protanomaly

62.0808, 0.3265, 0.3191

Deuteranomaly

62.5475, 0.3427, 0.3237

Tritanomaly

62.4465, 0.3555, 0.3147

Monochromacy



Original Color

62.3987, 0.3563, 0.3157

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

63.5968, 0.3277, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.3987, 0.3563, 0.3157 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, 190, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 203)  
}
```

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, 190, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 203) }
```

Border

The CSS property to change the border of an element to Yxy 62.3987, 0.3563, 0.3157 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, 190, 203) }
```

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

```
.border{ border-color:rgb(255, 190, 203) }
```

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

Here you see how a box with a 4 pixel rgb(255, 190, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 62.3987, 0.3563, 0.3157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 190, 203) }
```

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

```
.background{ background-color: rgb(255,  
190, 203) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor