

Converting Colors

$Y_{xy}(62.3173, 0.3553, 0.3140)$

Have a look what the booklet for
Yxy(62.3173, 0.3553, 0.3140)
contains.

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Color

Yxy(62.4465, 0.3555, 0.3147)

Conversions

Conversions Part 1

Format	Color
Hex	FFBECC
RGB	255, 190, 204
RGB Percent	100%, 75%, 80%
CMY	0.0001, 0.2548, 0.2001
CMYK	0.00, 0.25, 0.20, 0.00
HSL	347°, 100%, 87%
HSV	347°, 25%, 100%
XYZ	70.5425, 62.4465, 65.4428
YIQ	211.0310, 34.2460, 18.1340

Conversions

Conversions Part 2

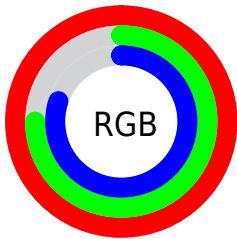
Format	Color
R _Y B	255, 190, 204
Decimal	16760524
CIE Lab	83.15, 25.32, 2.17
CIE LCh	83, 25.417, 4.886
Yxy	62.4465, 0.3555, 0.3147
Android (android.graphics.Color)	4294950604 (0xFFFFBECC)
YUV	211.0310, -3.4663, 38.5608
Hunter-Lab	79.0231, 21.0534, 6.2153

Details

The Yxy color **62.4465, 0.3555, 0.3147** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.8061, 0.2822, 0.3439**, and the grayscale version is **65.1694, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0015, 0.3131, 0.3214**, and **31.6806, 0.3660, 0.3105** is the 20% darker color. If you saturate the color by 10%, you get **51.4524, 0.3796, 0.3088**, and if you desaturate by 10%, it is **75.5019, 0.3359, 0.3206**.

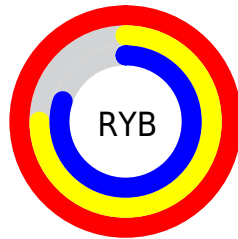
Distribution



Red (100%)

Green (75%)

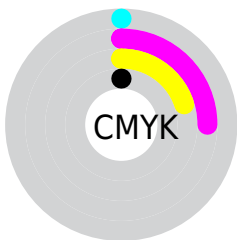
Blue (80%)



Red (100%)

Yellow (75%)

Blue (80%)

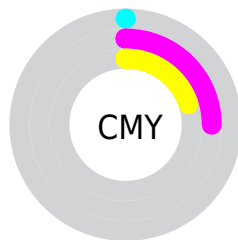


Cyan (0%)

Magenta (25%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (25%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.4465, 0.3555, 0.3147 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 62.4465, 0.3555, 0.3147 by changing the saturation by 10% instead.


 62.4465, 0.3555,
0.3147

 62.4465, 0.3555,
0.3147


433.5579, 0.3351,
0.3216

 45.3936, 0.3603,
0.3130


 108.3706, 0.3483,
0.3172

 31.7675, 0.3664,
0.3109


138.0105, 0.3455,
0.3181

 21.1840, 0.3741,
0.3082


172.6150, 0.3432,
0.3189

 13.2586, 0.3846,
0.3045

212.5683, 0.3411,
0.3196

 7.6068, 0.3992,
0.2993

258.2548, 0.3393,
0.3202

 3.8444, 0.4211,
0.2913

310.0590, 0.3377,

 1.5869, 0.4576,

0.3207

0.2776

368.3652, 0.3363,
0.3212

0.3488, 0.6232,
0.2277

0.0000, 0.0000,
0.0000

62.4465, 0.3555,
0.3147

62.4465, 0.3555,
0.3147

51.4524, 0.3796,
0.3088

75.5019, 0.3359,
0.3206

42.4057, 0.4088,
0.3033

90.7076, 0.3201,
0.3261

35.1945, 0.4433,
0.2988

99.9952, 0.3127,
0.3290

29.6921, 0.4823,
0.2962

■ 25.7555, 0.5235,
0.2965

■ 23.2182, 0.5629,
0.3006

■ 21.8752, 0.5957,
0.3082

■ 21.5288, 0.6077,
0.3121

Harmonies

Analogous

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



62.4465, 0.3252, 0.2923



62.4465, 0.3555, 0.3147



62.4465, 0.3742, 0.3412

Triad

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



62.4465, 0.3555, 0.3147



62.4465, 0.3303, 0.3855



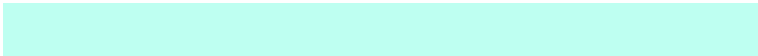
62.4465, 0.2536, 0.2881

Complementary

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



62.4465, 0.3555, 0.3147



88.8061, 0.2822, 0.3439

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.



62.4465, 0.2549, 0.3116



62.4465, 0.3555, 0.3147



62.4465, 0.2981, 0.3703

Square

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



62.4465, 0.3555, 0.3147



62.4465, 0.3588, 0.3833



62.4465, 0.2708, 0.3422



62.4465, 0.2671, 0.2768

Rectangle

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



62.4465, 0.3555, 0.3147



62.4465, 0.3769, 0.3585



62.4465, 0.2708, 0.3422



62.4465, 0.2524, 0.2948

Sweetspot

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



62.4494, 0.3555, 0.3147



86.6787, 0.3237, 0.3247



62.7377, 0.3051, 0.2633



18.0509, 0.3260, 0.3239



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

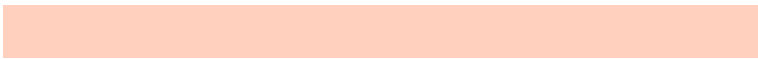
The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.4494, 0.3555, 0.3147



56.1381, 0.3682, 0.3114



70.2928, 0.3625, 0.3481



18.0509, 0.3260, 0.3239



11.2694, 0.6040, 0.3101



1.1125, 0.5736, 0.2933

Inverse Universe

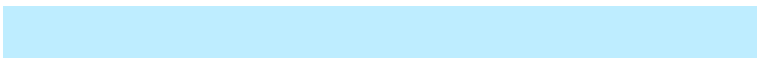
The Inverse Universe completely reimagines the original color for something new.



62.4494, 0.3555, 0.3147



56.1381, 0.3682, 0.3114



78.4886, 0.2734, 0.3090



18.0509, 0.3260, 0.3239



11.2694, 0.6040, 0.3101



1.1125, 0.5736, 0.2933

Previews

White Background



This preview shows how the Yxy color 62.4465, 0.3555, 0.3147 looks on a white background.

Color Contrast Check

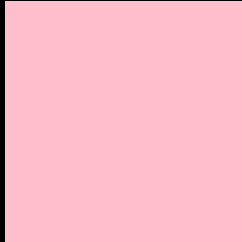
Large Text (above 18pt) WCAG AA × Fail

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 62.4465, 0.3555, 0.3147 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 62.4465, 0.3555, 0.3147

Background



This preview shows how black text looks on a background with the Yxy color 62.4465, 0.3555, 0.3147.



This preview shows how white text looks on a background with the Yxy color 62.4465, 0.3555, 0.3147.

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

62.4465, 0.3555, 0.3147

Protanopia

62.5020, 0.3101, 0.3210

Deuteranopia

62.6956, 0.3341, 0.3280



Tritanopia

62.4947, 0.3547, 0.3136

Trichromacy



Original Color

62.4465, 0.3555, 0.3147

Protanomaly

62.1304, 0.3258, 0.3180

Deuteranomaly

62.4214, 0.3411, 0.3226

Tritanomaly

62.4947, 0.3547, 0.3136

Monochromacy



Original Color

62.4465, 0.3555, 0.3147

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 62.4465, 0.3555, 0.3147 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, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 204)  
}
```

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, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 204) }
```

Border

The CSS property to change the border of an element to Yxy 62.4465, 0.3555, 0.3147 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, 204) }
```

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

```
.border{ border-color:rgb(255, 190, 204) }
```

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, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 62.4465, 0.3555, 0.3147 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, 204) }
```

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

```
.background{ background-color: rgb(255,  
190, 204) }
```

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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