

Converting Colors

$Y_{xy}(67.4700, 0.3709, 0.3119)$

Have a look what the booklet for
Yxy(67.4700, 0.3709, 0.3119)
contains.

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Color

Yxy(62.6410, 0.3522, 0.3106)

Conversions

Conversions Part 1

Format	Color
Hex	FFBED0
RGB	255, 190, 208
RGB Percent	100%, 75%, 82%
CMY	0.0001, 0.2548, 0.1844
CMYK	0.00, 0.25, 0.18, 0.00
HSL	343°, 100%, 87%
HSV	343°, 25%, 100%
XYZ	71.0308, 62.6410, 68.0056
YIQ	211.4870, 32.9620, 19.3780

Conversions

Conversions Part 2

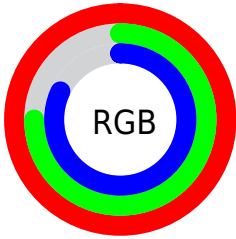
Format	Color
R _Y B	255, 190, 208
Decimal	16760528
CIE Lab	83.25, 25.92, 0.17
CIE LCh	83, 25.924, 0.370
Yxy	62.6410, 0.3522, 0.3106
Android (android.graphics.Color)	4294950608 (0xFFFFBED0)
YUV	211.4870, -1.7191, 38.1609
Hunter-Lab	79.1461, 21.6918, 4.4578

Details

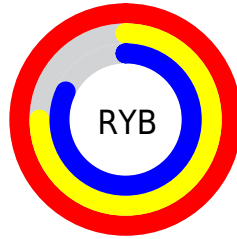
The Yxy color **62.6410, 0.3522, 0.3106** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.5730, 0.2843, 0.3483**, and the grayscale version is **65.4760, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0015, 0.3131, 0.3214**, and **31.8117, 0.3614, 0.3053** is the 20% darker color. If you saturate the color by 10%, you get **51.6907, 0.3743, 0.3030**, and if you desaturate by 10%, it is **75.6348, 0.3342, 0.3181**.

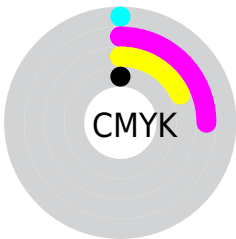
Distribution



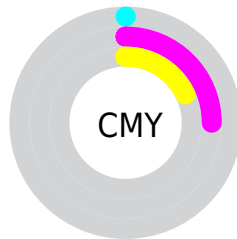
- Red (100%)
- Green (75%)
- Blue (82%)



- Red (100%)
- Yellow (75%)
- Blue (82%)



- Cyan (0%)
- Magenta (25%)
- Yellow (18%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.6410, 0.3522, 0.3106 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 62.6410, 0.3522, 0.3106 by changing the saturation by 10% instead.


 62.6410, 0.3522,
0.3106

 62.6410, 0.3522,
0.3106

434.2654, 0.3334,
0.3194

 45.5508, 0.3566,
0.3085


 108.6514, 0.3456,
0.3137

 31.8915, 0.3621,
0.3059


138.3405, 0.3430,
0.3149

 21.2787, 0.3693,
0.3026


172.9979, 0.3409,
0.3159

 13.3278, 0.3788,
0.2982

213.0082, 0.3390,
0.3168

 7.6547, 0.3921,
0.2919

258.7557, 0.3373,
0.3175

 3.8748, 0.4120,
0.2826


310.6248, 0.3359,

 1.6038, 0.4449,


0.3182


0.2671

368.9999, 0.3346,
0.3188


 0.3601, 0.5702,
0.2090


 0.0000, 0.0000,
0.0000


 62.6410, 0.3522,
0.3106

 62.6410, 0.3522,
0.3106

 51.6907, 0.3743,
0.3030


 75.6348, 0.3342,
0.3181

 42.6711, 0.4009,
0.2958

 90.7602, 0.3195,
0.3253

 35.4714, 0.4322,
0.2897

99.9964, 0.3127,
0.3290

 29.9662, 0.4678,
0.2859

■ 26.0139, 0.5059,
0.2853

■ 23.4496, 0.5434,
0.2892

■ 22.0702, 0.5763,
0.2974

■ 21.7048, 0.5891,
0.3019

Harmonies

Analogous

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



62.6410, 0.3203, 0.2889



62.6410, 0.3522, 0.3106



62.6410, 0.3735, 0.3373

Triad

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



62.6410, 0.3522, 0.3106



62.6410, 0.3354, 0.3874



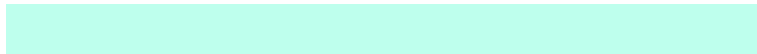
62.6410, 0.2518, 0.2902

Complementary

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



62.6410, 0.3522, 0.3106



88.5730, 0.2843, 0.3483

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.



62.6410, 0.2554, 0.3157



62.6410, 0.3522, 0.3106



62.6410, 0.3026, 0.3745

Square

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



62.6410, 0.3522, 0.3106



62.6410, 0.3631, 0.3825



62.6410, 0.2736, 0.3472



62.6410, 0.2633, 0.2767

Rectangle

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



62.6410, 0.3522, 0.3106



62.6410, 0.3783, 0.3552



62.6410, 0.2736, 0.3472



62.6410, 0.2513, 0.2976

Sweetspot

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



62.6439, 0.3522, 0.3106



86.7534, 0.3229, 0.3235



61.9848, 0.3019, 0.2626



18.0696, 0.3251, 0.3225



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.



62.6439, 0.3522, 0.3106



56.3592, 0.3638, 0.3064



68.2049, 0.3636, 0.3437



18.0696, 0.3251, 0.3225



11.3647, 0.5850, 0.2996



1.1241, 0.5531, 0.2821

Inverse Universe

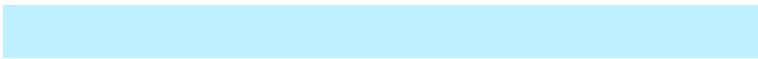
The Inverse Universe completely reimagines the original color for something new.



62.6439, 0.3522, 0.3106



56.3592, 0.3638, 0.3064



81.0229, 0.2738, 0.3137



18.0696, 0.3251, 0.3225



11.3647, 0.5850, 0.2996



1.1241, 0.5531, 0.2821

Previews

White Background



This preview shows how the Yxy color 62.6410, 0.3522, 0.3106 looks on a white background.

Color Contrast Check

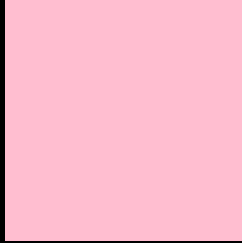
Large Text (above 18pt) WCAG AA × Fail

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 62.6410, 0.3522, 0.3106 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 62.6410, 0.3522, 0.3106

Background



This preview shows how black text looks on a background with the Yxy color 62.6410, 0.3522, 0.3106.



This preview shows how white text looks on a background with the Yxy color 62.6410, 0.3522, 0.3106.

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

62.6410, 0.3522, 0.3106

Protanopia

63.2429, 0.3066, 0.3165

Deuteranopia

62.7235, 0.3302, 0.3235



Tritanopia

62.4947, 0.3547, 0.3136

Trichromacy



Original Color

62.6410, 0.3522, 0.3106

Protanomaly

62.7971, 0.3227, 0.3147

Deuteranomaly

62.6146, 0.3380, 0.3183

Tritanomaly

62.5431, 0.3538, 0.3126

Monochromacy



Original Color

62.6410, 0.3522, 0.3106

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

63.6959, 0.3262, 0.3213

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.6410, 0.3522, 0.3106 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, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 208)  
}
```

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, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 208) }
```

Border

The CSS property to change the border of an element to Yxy 62.6410, 0.3522, 0.3106 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, 208) }
```

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

```
.border{ border-color:rgb(255, 190, 208) }
```

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, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 190, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 190, 208); box-shadow:4px 4px 4px 4px rgb(255, 190, 208) }
```


Background

The CSS property to change the background color of an element to Yxy 62.6410, 0.3522, 0.3106 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, 208) }
```

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

```
.background{ background-color: rgb(255,  
190, 208) }
```

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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