

Converting Colors

$Y_{xy}(65.5593, 0.3649, 0.3105)$

Have a look what the booklet for
Yxy(65.5593, 0.3649, 0.3105)
contains.

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Color

Yxy(62.2093, 0.3524, 0.3095)

Conversions

Conversions Part 1

Format	Color
Hex	FFBDD0
RGB	255, 189, 208
RGB Percent	100%, 74%, 82%
CMY	0.0000, 0.2589, 0.1843
CMYK	0.00, 0.26, 0.18, 0.00
HSL	343°, 100%, 87%
HSV	343°, 26%, 100%
XYZ	70.8322, 62.2093, 67.9579
YIQ	210.9000, 33.2370, 19.9010

Conversions

Conversions Part 2

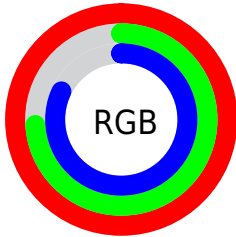
Format	Color
R _Y B	255, 189, 208
Decimal	16760272
CIE Lab	83.02, 26.49, -0.19
CIE LCh	83, 26.486, 359.596
Yxy	62.2093, 0.3524, 0.3095
Android (android.graphics.Color)	4294950352 (0xFFFFBDD0)
YUV	210.9000, -1.4297, 38.6757
Hunter-Lab	78.8729, 22.2753, 4.1260

Details

The Yxy color **62.2093, 0.3524, 0.3095** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.3925, 0.2842, 0.3495**, and the grayscale version is **65.0620, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3915, 0.3131, 0.3204**, and **31.5314, 0.3617, 0.3040** is the 20% darker color. If you saturate the color by 10%, you get **51.3411, 0.3742, 0.3016**, and if you desaturate by 10%, it is **75.1025, 0.3345, 0.3173**.

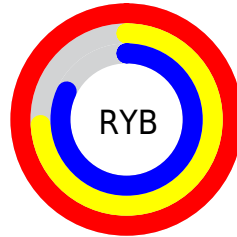
Distribution



Red (100%)

Green (74%)

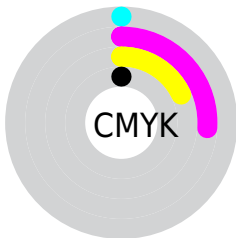
Blue (82%)



Red (100%)

Yellow (74%)

Blue (82%)

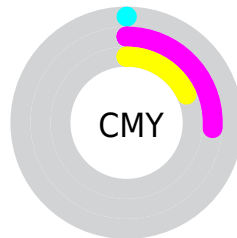


Cyan (0%)

Magenta (26%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.2093, 0.3524, 0.3095 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 62.2093, 0.3524, 0.3095 by changing the saturation by 10% instead.


 62.2093, 0.3524,
0.3095

 62.2093, 0.3524,
0.3095

432.6941, 0.3335,
0.3188

 45.2018, 0.3568,
0.3073

 108.0280, 0.3457,
0.3128

 31.6164, 0.3624,
0.3046

137.6080, 0.3432,
0.3140

 21.0687, 0.3696,
0.3011


172.1476, 0.3410,
0.3151

 13.1742, 0.3791,
0.2964

212.0313, 0.3391,
0.3160

 7.5486, 0.3925,
0.2898

257.6434, 0.3374,
0.3169

 3.8075, 0.4126,
0.2800


309.3683, 0.3360,

 1.5665, 0.4459,

0.3176


0.2637


367.5904, 0.3347,
0.3182


 0.3348, 0.5768,
0.1989


 0.0000, 0.0000,
0.0000


 62.2093, 0.3524,
0.3095

 62.2093, 0.3524,
0.3095

 51.3411, 0.3742,
0.3016


 75.1025, 0.3345,
0.3173

 42.4021, 0.4005,
0.2941

 90.1263, 0.3200,
0.3248

 35.2757, 0.4315,
0.2878

100.0000, 0.3127,
0.3290

 29.8359, 0.4665,
0.2838

■ 25.9407, 0.5040,
0.2832

■ 23.4242, 0.5409,
0.2871

■ 22.0813, 0.5735,
0.2956

■ 21.7476, 0.5852,
0.2997

Harmonies

Analogous

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



62.2093, 0.3196, 0.2876



62.2093, 0.3524, 0.3095



62.2093, 0.3747, 0.3367

Triad

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



62.2093, 0.3524, 0.3095



62.2093, 0.3368, 0.3890



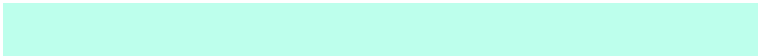
62.2093, 0.2503, 0.2898

Complementary

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



62.2093, 0.3524, 0.3095



88.3925, 0.2842, 0.3495

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.



62.2093, 0.2544, 0.3161



62.2093, 0.3524, 0.3095



62.2093, 0.3032, 0.3762

Square

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



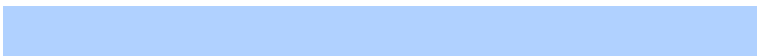
62.2093, 0.3524, 0.3095



62.2093, 0.3649, 0.3834



62.2093, 0.2733, 0.3485



62.2093, 0.2617, 0.2757

Rectangle

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



62.2093, 0.3524, 0.3095



62.2093, 0.3798, 0.3550



62.2093, 0.2733, 0.3485



62.2093, 0.2499, 0.2974

Sweetspot

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



62.2065, 0.3524, 0.3095



86.7677, 0.3228, 0.3233



61.3074, 0.3008, 0.2613



18.0732, 0.3249, 0.3222



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.



62.2065, 0.3524, 0.3095



56.4022, 0.3630, 0.3054



67.2656, 0.3649, 0.3428



18.0732, 0.3249, 0.3222



11.3858, 0.5810, 0.2974



1.1265, 0.5490, 0.2798

Inverse Universe

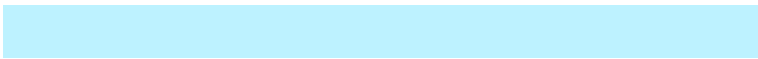
The Inverse Universe completely reimagines the original color for something new.



62.2065, 0.3524, 0.3095



56.4022, 0.3630, 0.3054



81.4220, 0.2733, 0.3147



18.0732, 0.3249, 0.3222



11.3858, 0.5810, 0.2974



1.1265, 0.5490, 0.2798

Previews

White Background



This preview shows how the Yxy color 62.2093, 0.3524, 0.3095 looks on a white background.

Color Contrast Check

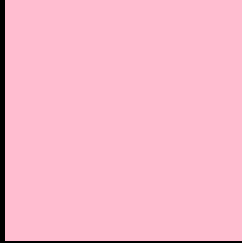
Large Text (above 18pt) WCAG AA × Fail

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 62.2093, 0.3524, 0.3095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

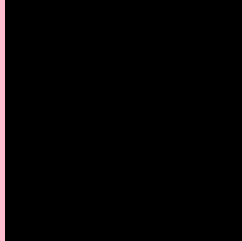
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.2093, 0.3524, 0.3095

Background



This preview shows how black text looks on a background with the Yxy color 62.2093, 0.3524, 0.3095.



This preview shows how white text looks on a background with the Yxy color 62.2093, 0.3524, 0.3095.

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

62.2093, 0.3524, 0.3095

Protanopia

62.6145, 0.3059, 0.3153

Deuteranopia

62.0957, 0.3296, 0.3224



Tritanopia

62.4465, 0.3555, 0.3147

Trichromacy



Original Color

62.2093, 0.3524, 0.3095

Protanomaly

62.1711, 0.3220, 0.3136

Deuteranomaly

61.9894, 0.3373, 0.3172

Tritanomaly

62.4947, 0.3547, 0.3136

Monochromacy



Original Color

62.2093, 0.3524, 0.3095

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 62.2093, 0.3524, 0.3095 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, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 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, 189, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 208) }
```

Border

The CSS property to change the border of an element to Yxy 62.2093, 0.3524, 0.3095 is called "border". The border property can be set on classes, ids or directly on the HTML element.

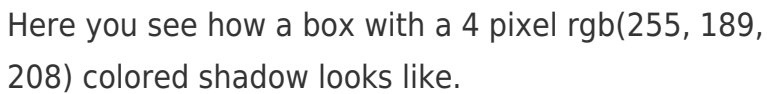
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 189, 208) }
```

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

```
.border{ border-color:rgb(255, 189, 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, 189, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 208);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
208) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 62.2093, 0.3524, 0.3095$ 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, 208) }
```

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

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