

Converting Colors

Yxy(64.8057, 0.3563, 0.3193)

Have a look what the booklet for
Yxy(64.8057, 0.3563, 0.3193)
contains.

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Color

Yxy(64.2032, 0.3547, 0.3188)

Conversions

Conversions Part 1

Format	Color
Hex	FFC2CC
RGB	255, 194, 204
RGB Percent	100%, 76%, 80%
CMY	0.0000, 0.2392, 0.2000
CMYK	0.00, 0.24, 0.20, 0.00
HSL	350°, 100%, 88%
HSV	350°, 24%, 100%
XYZ	71.4331, 64.2032, 65.7539
YIQ	213.3790, 33.1460, 16.0420

Conversions

Conversions Part 2

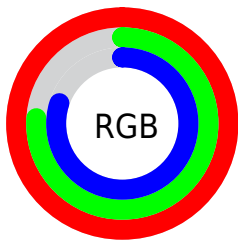
Format	Color
R _Y B	255, 194, 204
Decimal	16761548
CIE _{Lab}	84.07, 23.25, 3.49
CIE _{LCh}	84, 23.511, 8.527
Y _{xy}	64.2032, 0.3547, 0.3188
Android (android.graphics.Color)	4294951628 (0xFFFFC2CC)
YUV	213.3790, -4.6238, 36.5016
Hunter-Lab	80.1269, 18.9106, 7.4341

Details

The Yxy color **64.2032, 0.3547, 0.3188** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.5824, 0.2823, 0.3396**, and the grayscale version is **66.8216, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4744, 0.3129, 0.3252**, and **32.8285, 0.3648, 0.3159** is the 20% darker color. If you saturate the color by 10%, you get **52.8568, 0.3797, 0.3143**, and if you desaturate by 10%, it is **77.6395, 0.3345, 0.3232**.

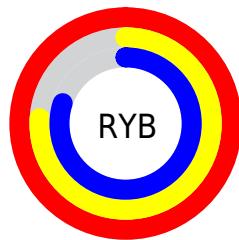
Distribution



Red (100%)

Green (76%)

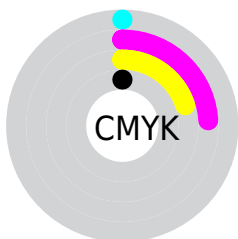
Blue (80%)



Red (100%)

Yellow (76%)

Blue (80%)

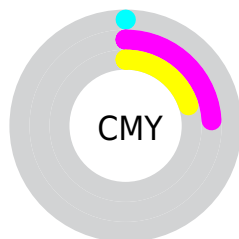


Cyan (0%)

Magenta (24%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.2032, 0.3547, 0.3188 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 64.2032, 0.3547, 0.3188 by changing the saturation by 10% instead.


 64.2032, 0.3547,
0.3188

 64.2032, 0.3547,
0.3188


439.9231, 0.3347,
0.3238

 46.8153, 0.3594,
0.3176

 110.9035, 0.3477,
0.3206

 32.8896, 0.3653,
0.3160


140.9847, 0.3450,
0.3213

 22.0419, 0.3728,
0.3140


176.0658, 0.3426,
0.3219

 13.8877, 0.3829,
0.3113

216.5311, 0.3406,
0.3224

 8.0426, 0.3970,
0.3073

262.7651, 0.3389,
0.3228

 4.1222, 0.4181,
0.3012


315.1522, 0.3373,

 1.7422, 0.4529,


0.3232


0.2905

374.0767, 0.3360,
0.3235


 0.4507, 0.5904,
0.2646

 0.0000, 0.0000,
0.0000

 64.2032, 0.3547,
0.3188


 64.2032, 0.3547,
0.3188

 52.8568, 0.3797,
0.3143


 77.6395, 0.3345,
0.3232

 43.4917, 0.4101,
0.3101

 93.2597, 0.3182,
0.3274

 35.9947, 0.4463,
0.3066

100.0000, 0.3127,
0.3290

 30.2399, 0.4874,
0.3046

■ 26.0860, 0.5307,
0.3050

■ 23.3690, 0.5719,
0.3083

■ 21.8895, 0.6051,
0.3146

■ 21.4257, 0.6199,
0.3189

Harmonies

Analogous

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



64.2032, 0.3279, 0.2974



64.2032, 0.3547, 0.3188



64.2032, 0.3700, 0.3434

Triad

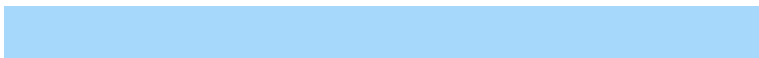
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.2032, 0.3547, 0.3188



64.2032, 0.3254, 0.3797



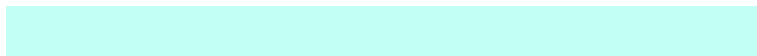
64.2032, 0.2591, 0.2896

Complementary

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



64.2032, 0.3547, 0.3188



89.5824, 0.2823, 0.3396

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.



64.2032, 0.2587, 0.3101



64.2032, 0.3547, 0.3188



64.2032, 0.2960, 0.3640

Square

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



64.2032, 0.3547, 0.3188



64.2032, 0.3523, 0.3798



64.2032, 0.2718, 0.3377



64.2032, 0.2731, 0.2805

Rectangle

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



64.2032, 0.3547, 0.3188



64.2032, 0.3712, 0.3590



64.2032, 0.2718, 0.3377



64.2032, 0.2574, 0.2953

Sweetspot

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



64.2044, 0.3547, 0.3188



88.2110, 0.3228, 0.3262



65.1874, 0.3079, 0.2679



18.6744, 0.3238, 0.3259



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

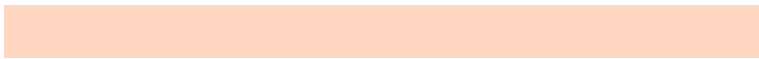
The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.2044, 0.3547, 0.3188



58.1860, 0.3667, 0.3165



73.4181, 0.3580, 0.3500



18.0356, 0.3268, 0.3251



11.2096, 0.6168, 0.3171



1.1045, 0.5890, 0.3018

Inverse Universe

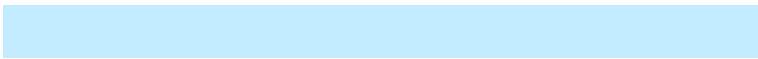
The Inverse Universe completely reimagines the original color for something new.



64.2044, 0.3547, 0.3188



58.1860, 0.3667, 0.3165



77.9162, 0.2755, 0.3070



18.0356, 0.3268, 0.3251



11.2096, 0.6168, 0.3171



1.1045, 0.5890, 0.3018

Previews

White Background



This preview shows how the Yxy color 64.2032, 0.3547, 0.3188 looks on a white background.

Color Contrast Check

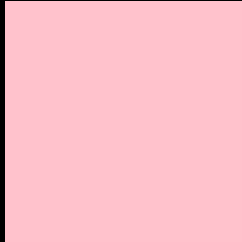
Large Text (above 18pt) WCAG AA × Fail

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 64.2032, 0.3547, 0.3188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

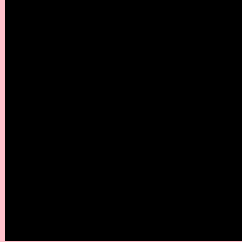
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.2032, 0.3547, 0.3188

Background



This preview shows how black text looks on a background with the Yxy color 64.2032, 0.3547, 0.3188.

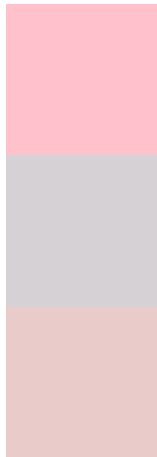


This preview shows how white text looks on a background with the Yxy color 64.2032, 0.3547, 0.3188.

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

64.2032, 0.3547, 0.3188

Protanopia

64.5512, 0.3129, 0.3245

Deuteranopia

64.2998, 0.3369, 0.3302



Tritanopia

64.3976, 0.3515, 0.3147

Trichromacy



Original Color

64.2032, 0.3547, 0.3188

Protanomaly

64.3329, 0.3269, 0.3225

Deuteranomaly

64.3211, 0.3430, 0.3259

Tritanomaly

64.3486, 0.3523, 0.3157

Monochromacy



Original Color

64.2032, 0.3547, 0.3188

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

65.2897, 0.3267, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.2032, 0.3547, 0.3188 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, 194, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 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, 194, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 204) }
```

Border

The CSS property to change the border of an element to Yxy 64.2032, 0.3547, 0.3188 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, 194, 204) }
```

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

```
.border{ border-color:rgb(255, 194, 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, 194, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 64.2032, 0.3547, 0.3188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 204) }
```

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

```
.background{ background-color: rgb(255,  
194, 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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