

Converting Colors

$Y_{xy}(97.4360, 0.4458, 0.3201)$

Have a look what the booklet for
Yxy(97.4360, 0.4458, 0.3201)
contains.

| | |
|--|----|
| Yxy(64.3976, 0.3515, 0.3147) | 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(64.3976, 0.3515, 0.3147)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFC2D0 |
| RGB | 255, 194, 208 |
| RGB Percent | 100%, 76%, 82% |
| CMY | 0.0000, 0.2393, 0.1844 |
| CMYK | 0.00, 0.24, 0.18, 0.00 |
| HSL | 346°, 100%, 88% |
| HSV | 346°, 24%, 100% |
| XYZ | 71.9280, 64.3976, 68.3061 |
| YIQ | 213.8350, 31.8620, 17.2860 |

Conversions

Conversions Part 2

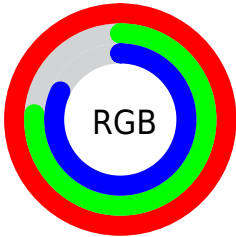
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 194, 208 |
| Decimal | 16761552 |
| CIE Lab | 84.17, 23.86, 1.50 |
| CIE LCh | 84, 23.911, 3.598 |
| Yxy | 64.3976, 0.3515, 0.3147 |
| Android (android.graphics.Color) | 4294951632 (0xFFFFC2D0) |
| YUV | 213.8350, -2.8767, 36.1017 |
| Hunter-Lab | 80.2481, 19.5590, 5.7069 |

Details

The Yxy color **64.3976, 0.3515, 0.3147** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.3386, 0.2844, 0.3439**, and the grayscale version is **67.1254, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4744, 0.3129, 0.3252**, and **32.9596, 0.3603, 0.3106** is the 20% darker color. If you saturate the color by 10%, you get **53.0915, 0.3743, 0.3084**, and if you desaturate by 10%, it is **77.7595, 0.3329, 0.3209**.

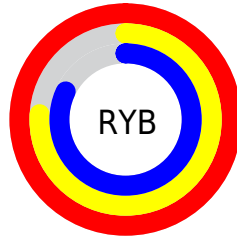
Distribution



Red (100%)

Green (76%)

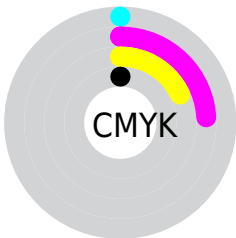
Blue (82%)



Red (100%)

Yellow (76%)

Blue (82%)

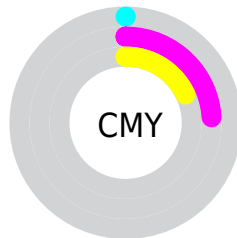


Cyan (0%)

Magenta (24%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (24%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.3976, 0.3515, 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 64.3976, 0.3515, 0.3147 by changing the saturation by 10% instead.


 64.3976, 0.3515,
0.3147

 64.3976, 0.3515,
0.3147


440.6240, 0.3331,
0.3216

 46.9728, 0.3558,
0.3131


 111.1833, 0.3450,
0.3171

 33.0141, 0.3612,
0.3110


141.3131, 0.3425,
0.3181

 22.1373, 0.3681,
0.3084


176.4465, 0.3404,
0.3188

 13.9578, 0.3774,
0.3049

216.9682, 0.3386,
0.3195

 8.0913, 0.3902,
0.2999

263.2623, 0.3369,
0.3201

 4.1534, 0.4094,
0.2924

315.7134, 0.3355,

 1.7598, 0.4410,

0.3207

0.2799

374.7059, 0.3342,
0.3211

0.4619, 0.5461,
0.2438

0.0000, 0.0000,
0.0000

64.3976, 0.3515,
0.3147

64.3976, 0.3515,
0.3147

53.0915, 0.3743,
0.3084

77.7595, 0.3329,
0.3209

43.7545, 0.4021,
0.3024

93.2908, 0.3178,
0.3268

36.2680, 0.4351,
0.2973

100.0000, 0.3127,
0.3290

30.5078, 0.4727,
0.2940

■ 26.3341, 0.5131,
0.2936

■ 23.5850, 0.5527,
0.2970

■ 22.0636, 0.5868,
0.3044

■ 21.5708, 0.6036,
0.3099

Harmonies

Analogous

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



64.3976, 0.3231, 0.2940



64.3976, 0.3515, 0.3147



64.3976, 0.3694, 0.3395

Triad

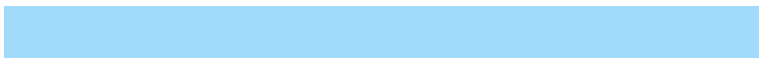
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.3976, 0.3515, 0.3147



64.3976, 0.3305, 0.3817



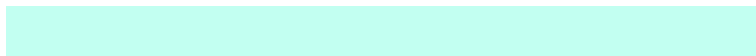
64.3976, 0.2573, 0.2917

Complementary

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



64.3976, 0.3515, 0.3147



89.3386, 0.2844, 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.



64.3976, 0.2591, 0.3141



64.3976, 0.3515, 0.3147



64.3976, 0.3004, 0.3682

Square

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



64.3976, 0.3515, 0.3147



64.3976, 0.3566, 0.3791



64.3976, 0.2746, 0.3426



64.3976, 0.2693, 0.2804

Rectangle

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



64.3976, 0.3515, 0.3147



64.3976, 0.3725, 0.3557



64.3976, 0.2746, 0.3426



64.3976, 0.2563, 0.2981

Sweetspot

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



64.3919, 0.3515, 0.3147



88.2809, 0.3221, 0.3250



64.4576, 0.3049, 0.2673



18.6905, 0.3230, 0.3247



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

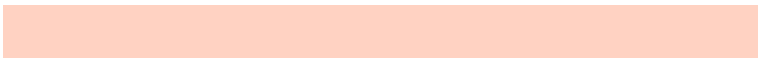
The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.3919, 0.3515, 0.3147



58.4063, 0.3625, 0.3115



71.3752, 0.3590, 0.3459



18.0554, 0.3258, 0.3236



11.2898, 0.5998, 0.3078



1.1151, 0.5689, 0.2907

Inverse Universe

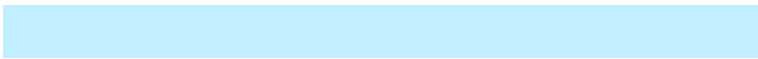
The Inverse Universe completely reimagines the original color for something new.



64.3919, 0.3515, 0.3147



58.4063, 0.3625, 0.3115



80.2629, 0.2758, 0.3115



18.0554, 0.3258, 0.3236



11.2898, 0.5998, 0.3078



1.1151, 0.5689, 0.2907

Previews

White Background



This preview shows how the Yxy color 64.3976, 0.3515, 0.3147 looks on a white background.

Color Contrast Check

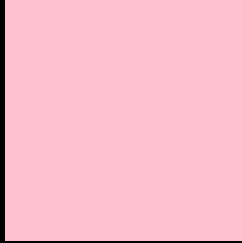
Large Text (above 18pt) WCAG AA × Fail

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 64.3976, 0.3515, 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 64.3976, 0.3515, 0.3147

Background



This preview shows how black text looks on a background with the Yxy color 64.3976, 0.3515, 0.3147.



This preview shows how white text looks on a background with the Yxy color 64.3976, 0.3515, 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

64.3976, 0.3515, 0.3147

Protanopia

64.6077, 0.3094, 0.3200

Deuteranopia

64.3239, 0.3331, 0.3258



Tritanopia

64.4470, 0.3506, 0.3137

Trichromacy



Original Color

64.3976, 0.3515, 0.3147

Protanomaly

64.5348, 0.3240, 0.3181

Deuteranomaly

64.3388, 0.3392, 0.3216

Tritanomaly

64.4470, 0.3506, 0.3137

Monochromacy



Original Color

64.3976, 0.3515, 0.3147

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.0371, 0.3259, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.3976, 0.3515, 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, 194, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 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, 194, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 208) }
```

Border

The CSS property to change the border of an element to Yxy 64.3976, 0.3515, 0.3147 is called "border". The border property can be set on classes, ids or directly on the HTML element.

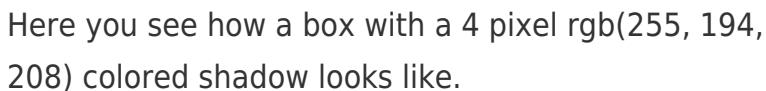
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 194, 208) }
```

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

```
.border{ border-color:rgb(255, 194, 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, 194, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 194, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 194, 208); box-shadow:4px 4px 4px 4px rgb(255, 194, 208) }
```


Background

The CSS property to change the background color of an element to Yxy 64.3976, 0.3515, 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, 194, 208) }
```

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

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